

Universitäts- und Landesbibliothek Tirol

Lexikon der Kohlenstoff-Verbindungen

Einleitung - Verbindung C1 - C12 [C tief 1 - C tief 12]

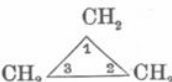
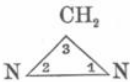
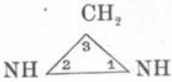
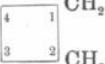
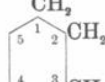
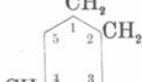
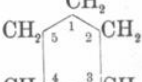
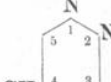
Richter, Max Moritz

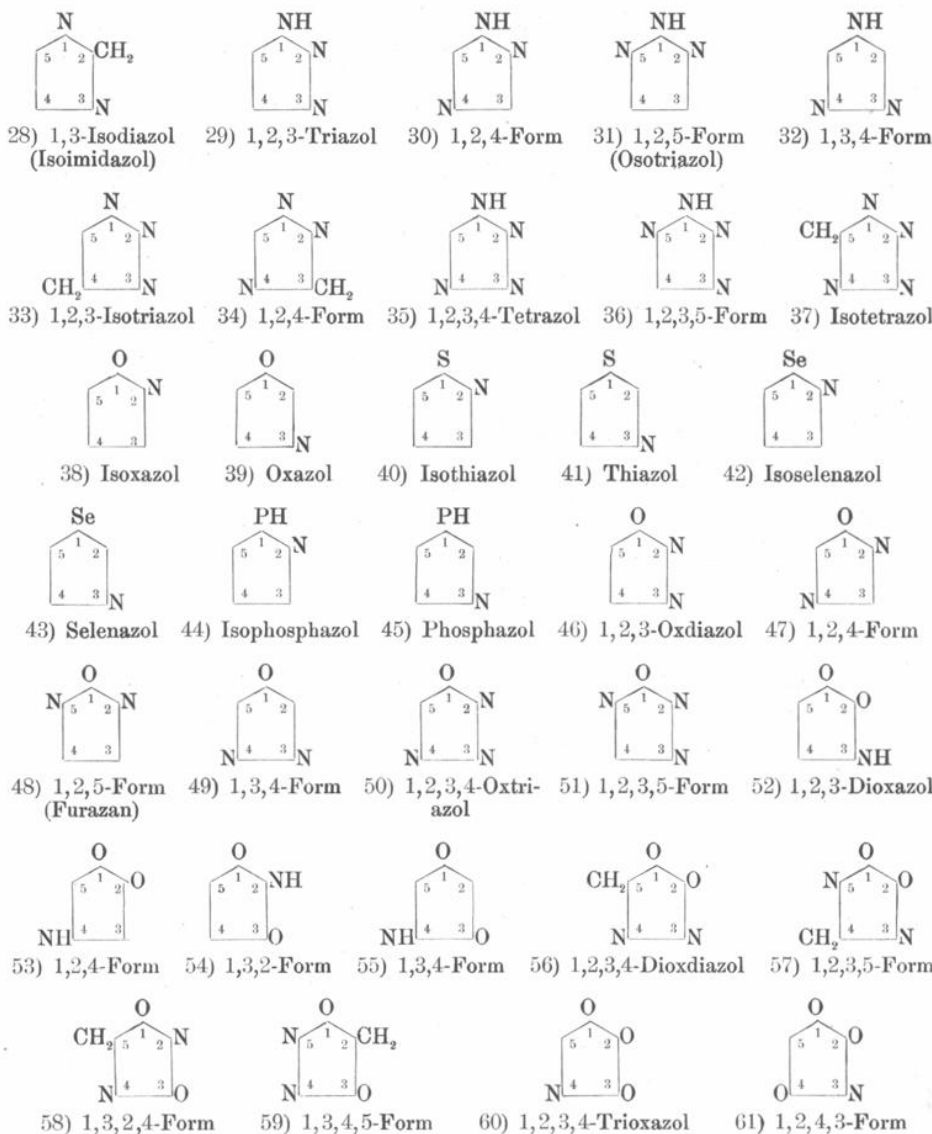
1900

Ringsysteme

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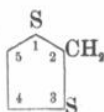
Ringsysteme.

- | | | | | |
|---|---|---|---|--|
|  <p>1) R-Propen</p> |  <p>2) Dihydro-R-Propen
(R-Trimethylen)</p> |  <p>3) Azimethylen</p> |  <p>4) Hydrazimethylen</p> | |
|  <p>5) R-Buten</p> |  <p>6) 1,2-Dihydro-R-Buten</p> |  <p>7) 1,3-Form</p> |  <p>8) Tetrahydro-R-Buten
(R-Tetramethylen)</p> | |
|  <p>9)</p> |  <p>10) Tetrahydroform
(Trimethylenimin)</p> |  <p>11)</p> |  <p>12)</p> |  <p>13)</p> |
|  <p>14) R-Penten</p> |  <p>15) 2,3-Dihydro-R-Penten</p> |  <p>16) 2,4-Form
(= 3,4-Form)</p> |  <p>17) Tetrahydro-R-Penten
(R-Pentamethylen)</p> | |
|  <p>18) Furan
(Furfuran)</p> |  <p>19) Thiofuran
(Thiophen)</p> |  <p>20) Selenofuran
(Selenophen)</p> |  <p>21) Phosfuran
(Phosphen)</p> |  <p>22) Arsenofuran
(Arsenophen)</p> |
|  <p>23) Azol
(Pyrrol)</p> |  <p>24) Isoazol
(Isopyrrol)</p> |  <p>25) 1,2-Diazol
(Pyrazol)</p> |  <p>26) 1,3-Diazol
(Imidazol)
(Glyoxalin)</p> |  <p>27) 1,2-Isodiazol
(Isopyrazol)</p> |

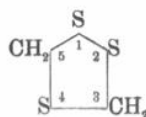


Die Thiazole entsprechen den Oxazolen:

62) Thiodiazol	siehe Figur 46—49
63) Thiotriazol	„ „ 50—51
64) Dithioazol	„ „ 52—55
65) Dithiodiazol	„ „ 56—59
66) Trithioazol	„ „ 60—61



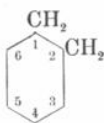
67) (A. 262, 76)



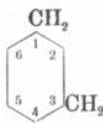
68) 1,2,4-R-Dimethylentrisulfid



69) Benzol
(Phen)



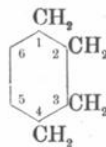
70) 1,2-Dihydro-
benzol



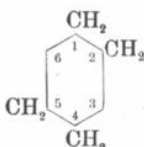
71) 1,3-Form



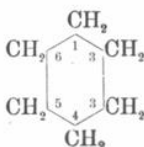
72) 1,4-Form



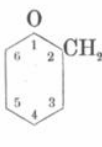
73) 1,2,3,4-Tetra-
hydrobenzol



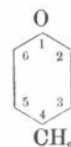
74) 1,2,4,5-Form



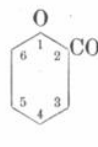
75) Hexahydrobenzol
(R-Hexamethylen)
(Cyklohexan)



76) 1,2-Pent-
furan



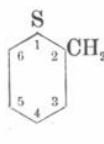
77) 1,4-Pent-
furan



78) 1,2-Pyron
(Cumalin)



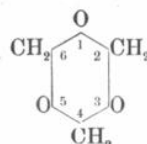
79) 1,4-Pyron



80) 1,2-Penthi-
furan



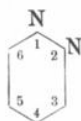
81) Penthiofuran
(Penthiofuran)



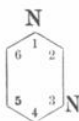
82) 1,3,5-Trioxin



83) Azin
(Pyridin)



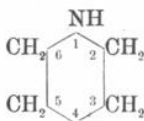
84) 1,2-Diazin
(Pyridazin)



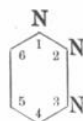
85) 1,3-Diazin
(Pyrimidin)
(Miazin)



86) 1,4-Diazin
(Piazin)



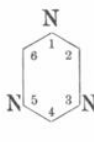
87) Hexahydro-
1,4-Diazin
(Piperazin)



88) 1,2,3-Triazin



89) 1,2,4-Tri-
azin



90) 1,3,5-Triazin
(Kyanidin)



91) 1,2,3,4-Tetra-
zin



92) 1,2,3,5-Tetra-
zin



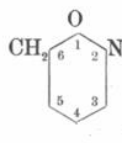
93) 1,2,4,5-Tetra-
zin



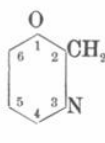
94) Pentazin



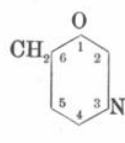
95) 1,2-Oxazin(4)



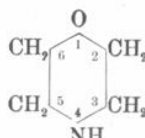
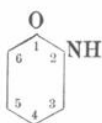
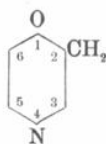
96) 1,2-Form(6)



97) 1,3-Form(2)



98) 1,3-Form(6)
(Pentoxazol)

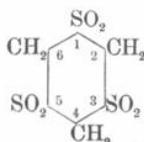


99) 1,4-Form(2) 100) 1,2-Isloxazin 101) 1,3-Form 102) 1,4-Form 103) 2,3,5,6-Tetrahydro-1,4-Oxazin (Morpholin)

In gleicher Weise leiten sich ab die Formen:

104) Oxidiazin	107) Dioxazin	110) Trioxazin	112) Tetroxazin
105) Oxtriazin	108) Dioxdiazin	111) Trioxdiazin	
106) Oxtetrazin	109) Dioxtriazin		

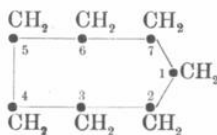
und durch Ersetzung des O durch S oder Se die entsprechenden Thio- und Selenderivate.



113) Cyklotrimethylen-trisulfon



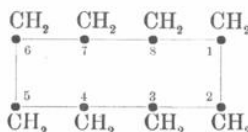
114) R-Hepten



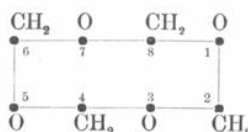
115) R-Heptamethylen



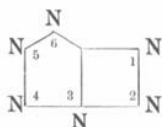
116) R-Okten



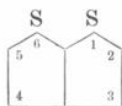
117) R-Oktomethylen



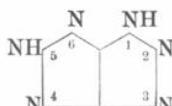
118) 1,3,5,7-Tetroxan



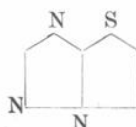
119) Diazotetra-zol



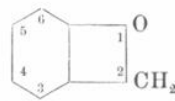
120) Bithiophen (Thiophthen)



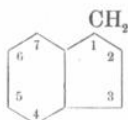
121) Osotriazol-azimid



122) Thiazol-triazol



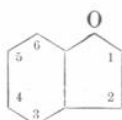
123) Cyklophenylenmethylenoxyd



124) Inden



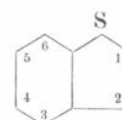
125) Isoinden



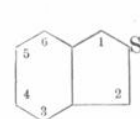
126) Benzfuran (Cumaron)



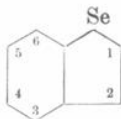
127) Isobenz-furan



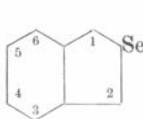
128) Benzthiofuran (Thionaphten)



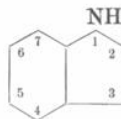
129) Isobenzthio-furan



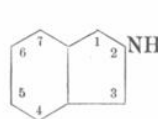
130) Benz-selenofuran



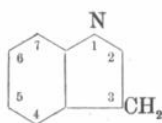
131) Isobenz-selenofuran



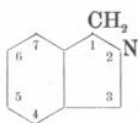
132) 1-Benzazol (Indol)



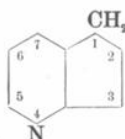
133) 2-Benzazol (Isoindol)
2*



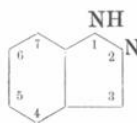
134) 1-Isobenzazolin-3-ylidene (Pseudoindol)



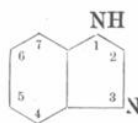
135) 2-Isobenzazolin-3-ylidene (Pseudoisindol)



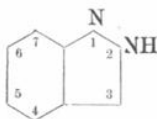
136) 4-Isobenzazolin-3-ylidene (4-Pyridin-4-Indenazin)



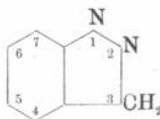
137) 1,2-Benzindazole (Benzopyrazol)



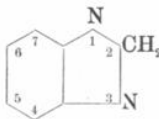
138) 1,3-Benzindazole (Benzimidazol)



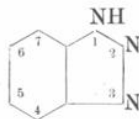
139) 2,1-Benzindazole (Indazol)



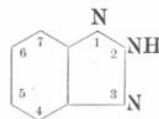
140) 1,2-Benzisodiazol



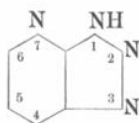
141) 1,3-Form



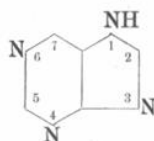
142) 1,2,3-Benzotriazol (Benzisotriazol) (Azimidobenzol)



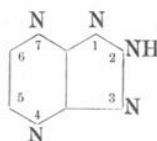
143) 2,1,3-Benzotriazol (Pseudoazimidobenzol)



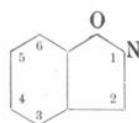
144) 1,2,3,7-Benzotetrazol



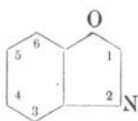
145) 1,3,4,6-Derivat (Purin)



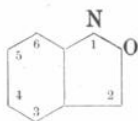
146) 1,2,3,4,7-Benzopentazol



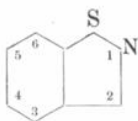
147) Benzisoxazol (Indoxazen)



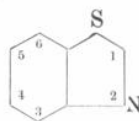
148) Benzoxazol



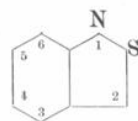
149) Benzpseudoxazol



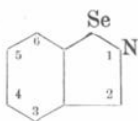
150) Benzisothiazol



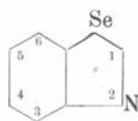
151) Benzthiazol



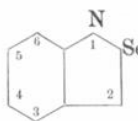
152) Benzpseudothiazol



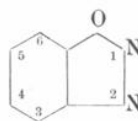
153) Benzisosenazol



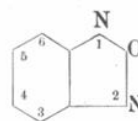
154) Benzselenazol



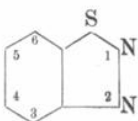
155) Benzpseudosenazol



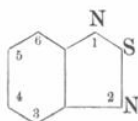
156) Benzoxadiazol



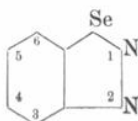
157) Benzisoxadiazol



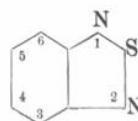
158) Benzthiodiazol (Isopiazthiol) (Diazosulfid)



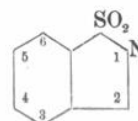
159) Benzisothiodiazol (Piazthiol)



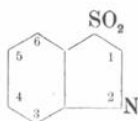
160) Benzselenodiazol (Isopiaselenol)



161) Benziselenodiazol (Piaselenol)



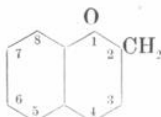
162) 1-Benzsulfonyl



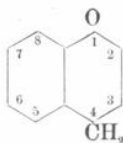
163) 2-Benz-sulfonazol
(Benzisosulfonazol)



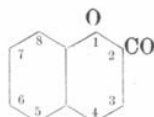
164) Naphthalin
(Naphthen)



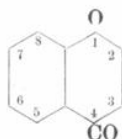
165) 1,2-Cumaran



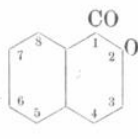
166) 1,4-Cumaran



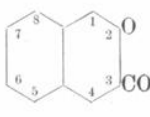
167) 1,2-Benz-pyrron
(Cumarin)



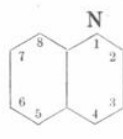
168) 1,4-Form



169) 2,1-Form
(Isocumarin)



170) 2,3-Form



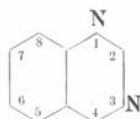
171) 1-Benzazinin
(Chinolin)



172) 2-Benzazinin
(Isochinolin)
(Leukolin)



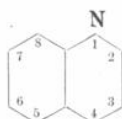
173) 1,2-Benzdiazinin
(Cinnolin)
(α -Phenoiazinin)



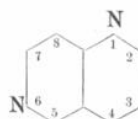
174) 1,3-Form
(Chinazolin)
(Phenmiazinin)



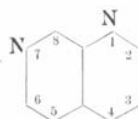
175) 1,4-Form
(Chinoxalin)
(Phenpiiazinin)



176) 1,5-Form



177) 1,6-Form



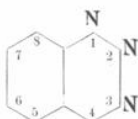
178) 1,7-Form



179) 1,8-Form
(Naphtyridin)



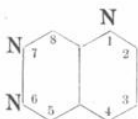
180) 2,3-Form
(Phthalazin)
(β -Phenoiazinin)



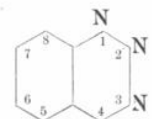
181) 1,2,3-Benz-triazinin
(Phentriazin)



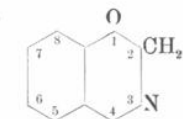
182) 1,2,4-Benz-triazinin
(Pyrrodiazol)



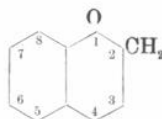
183) 1,6,7-Benz-triazinin



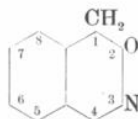
184) 1,2,3,4-Benz-tetrazinin



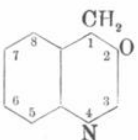
185) 1,3-Benz-oxazin



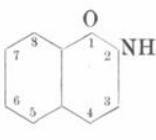
186) 1,4-Form



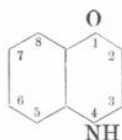
187) 2,3-Form



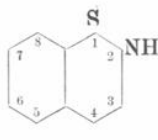
188) 2,4-Form



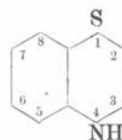
189) 1,2-Benz-isoxazin



190) 1,4-Form



191) 1,2-Benz-isothiazinin



192) 1,4-Form

In gleicher Weise leiten sich ab die Formen:

193) Benzoxdiazinin

196) Benzdioxazin

199) Benztrioxazin

194) Benzoxtriazinin

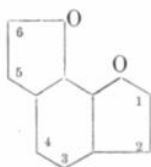
197) Benzdioxdiazinin

u. s. w.

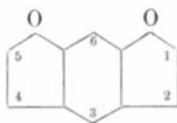
195) Benzoxtetrazinin

198) Benzdioxtriazinin

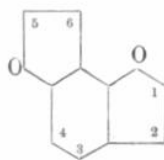
u. s. w.



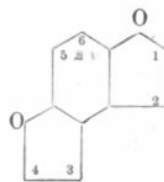
200) o-Benzdifuran



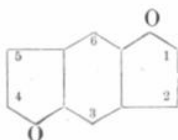
201) m-α-Form



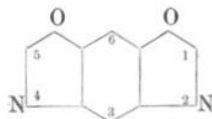
202) m-β-Form



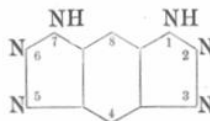
203) p-α-Form



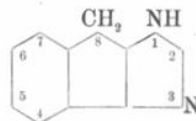
204) p-β-Form



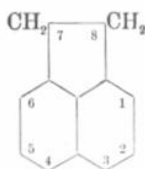
205) Benzbioxazol



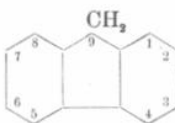
206) Benzbitriazol
(Diazimidobenzol)



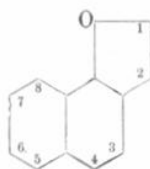
207) Indenimidazol



208) Acenaphten



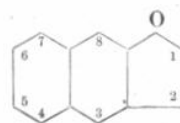
209) Fluoren



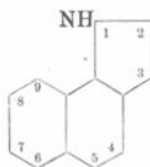
210) α-Naphtofuran



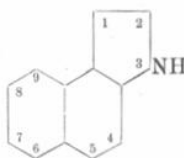
211) β-Form



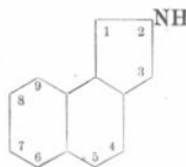
212) ββ-Form



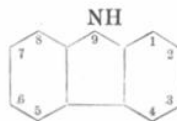
213) 1-Naphtazol
(α-Naphtindol)



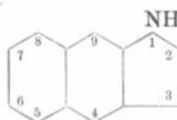
214) 3-Form
(β-Naphtindol)



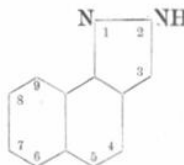
215) 2-Form
(Naphtisindol)



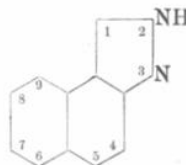
216) Carbazol



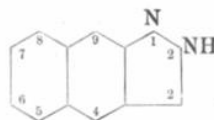
217) ββ-Naphtindol



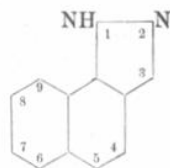
218) α-Naphtindazol



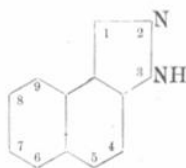
219) β-Form



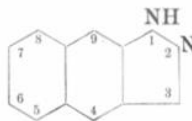
220) ββ-Form



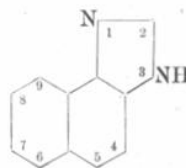
221) α-Naphtisindazol



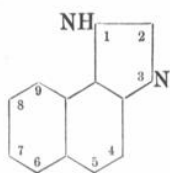
222) β-Form



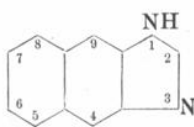
223) ββ-Form



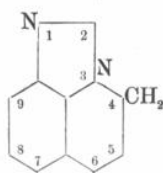
224) α-Naphtimidazol



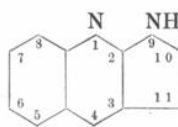
225) β -Form



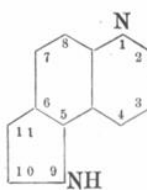
226) $\beta\beta$ -Form



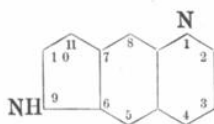
227) peri-Chinolin-azol



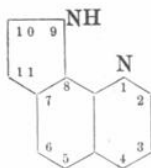
228) 2-Chinindol



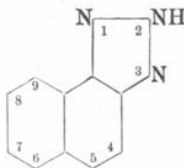
229) 5-Form



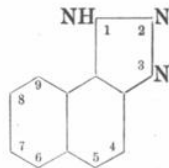
230) 6-Form



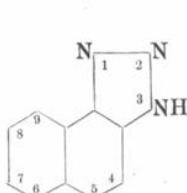
231) 8-Form



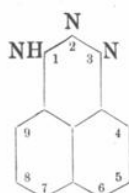
232) Naphthtriazol



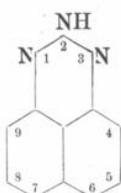
233) α -Naphtisotriazol



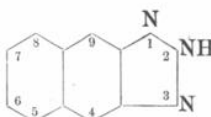
234) β -Form



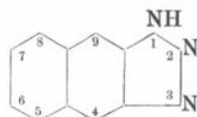
235) α -Peri-naphthtriazol



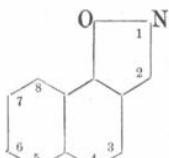
236) β -Form



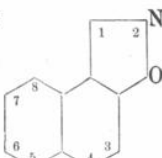
237) $\beta\beta$ -Napht-triazol



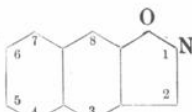
238) $\beta\beta$ -Naphtiso-triazol



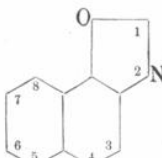
239) α -Napht-isoxazol



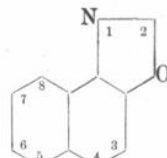
240) β -Form



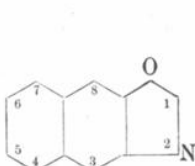
241) $\beta\beta$ -Form



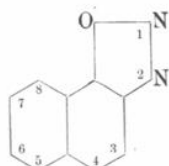
242) α -Napht-oxazol



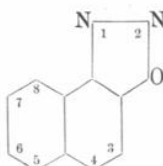
243) β -Form



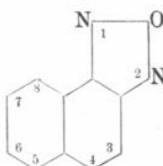
244) $\beta\beta$ -Form



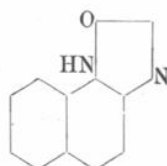
245) α -Napht-oxdiazol



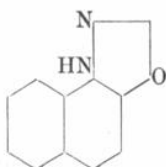
246) β -Form



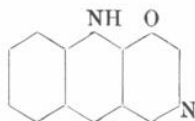
247) Naphtiso-oxdiazol



248) α -Chinolin-oxazol



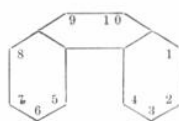
249) β -Form



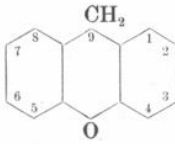
250) $\beta\beta$ -Form



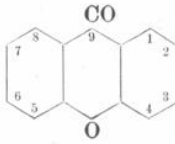
251) Anthracen



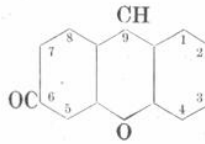
252) Phenanthren



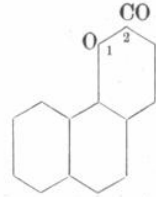
253) Xanthen



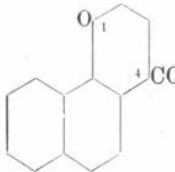
254) Xanthon



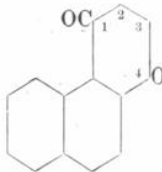
255) Fluoron



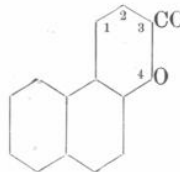
256) 1,2-α-Naphtopyron



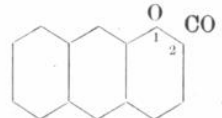
257) 1,4-α-Form



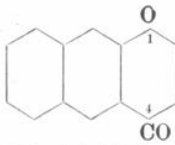
258) 1,4-β-Form



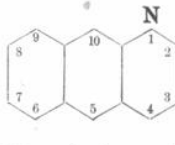
259) 3,4-β-Form



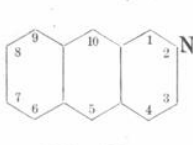
260) 1,2-ββ-Form



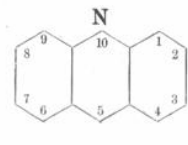
261) 1,4-ββ-Form



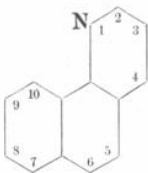
262) α-Anthrapiyridin
(Naphthazin)



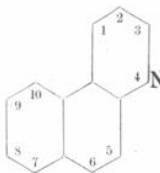
263) β-Form



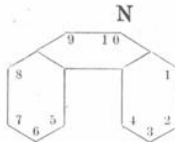
264) Akridin



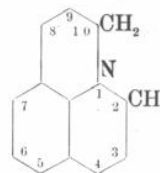
265) α-Naphtochinolin



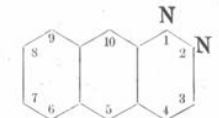
266) β-Form



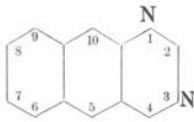
267) Phenanthridin



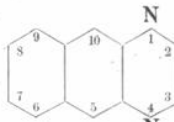
268) Julol



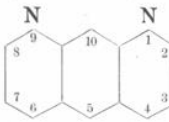
269) 1,2-Naphtdiazin



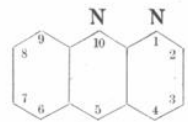
270) 1,3-Form



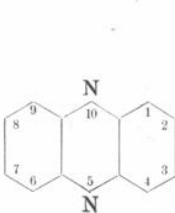
271) 1,4-Form



272) 1,9-Form



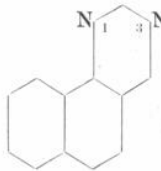
273) 1,10-Form
(α-Chinochinolin)



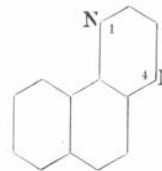
274) 5,10-Form
(Phenazin)



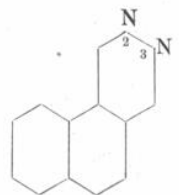
275) 1,2-Napht-
isodiazin



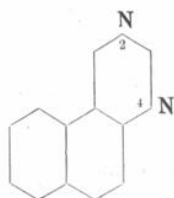
276) 1,3-Form



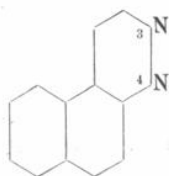
277) 1,4-Form
(Naphtochinoxalin)



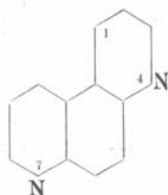
278) 2,3-Form



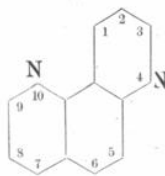
279) 2,4-Form



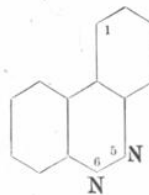
280) 3,4-Form



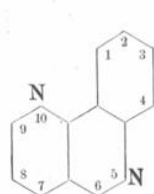
281) 4,7-Form
(Pseudophenanthrolin)



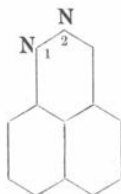
282) 4,10-Form
(Phenanthrolin)



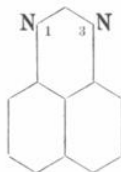
283) 5,6-Form
(Phenazon)



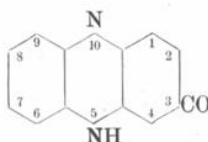
284) 5,10-Form
(Chinochinolin)



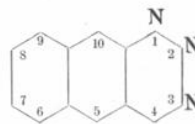
285) 1,2-Peri-
naphthiazin



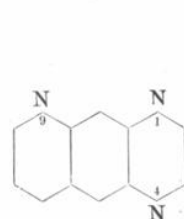
286) 1,3-Form



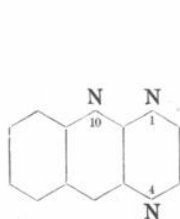
287) Phenazon



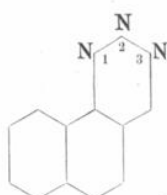
288) 1,2,3-Napht-
triazin



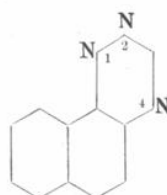
289) 1,4,9-Form



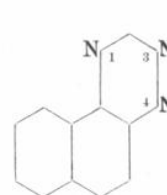
290) 1,4,10-Form



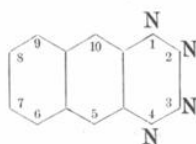
291) 1,2,3-Napht-
isotriazin



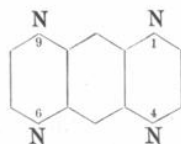
292) 1,2,4-Form



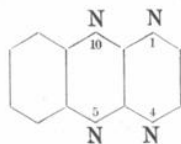
293) 1,3,4-Form



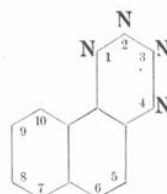
294) 1,2,3,4-Naphttetrazin



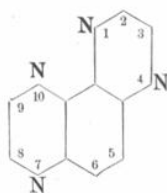
295) 1,4,6,9-Form



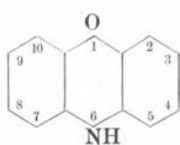
296) 1,4,5,10-Form



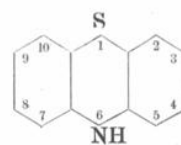
297) 1,2,3,4-Napht-
isotetrazin



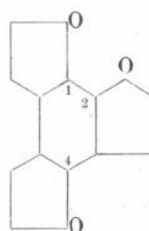
298) 1,4,7,10-Form



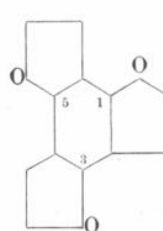
299) Phenoxazin
(Naphtoxazin)



300) Phenthiazin
(Thiodiphenylamin)



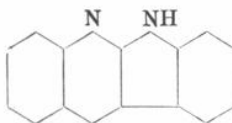
301) 1,2,4-Benz-
trifuran



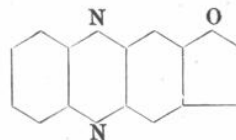
302) 1,3,5-Form



303) Naphthbioxazol



304) Chinindolin



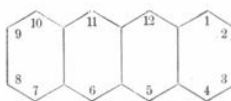
305) Phenazinfuran



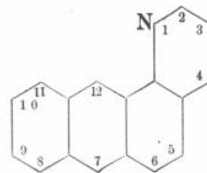
306) Chrysen



307) Pyren



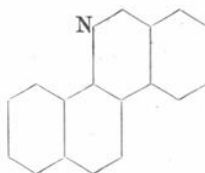
308) Naphhtacen



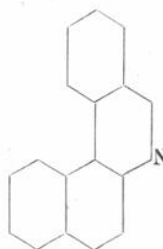
309) α-Anthrachinolin



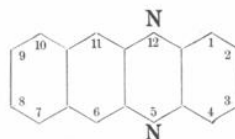
310) β-Form



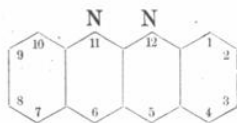
311) α-Chrysidin



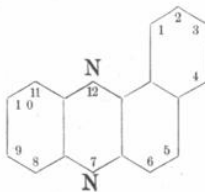
312) β-Chrysidin



313) ββ-Naphtophenazin



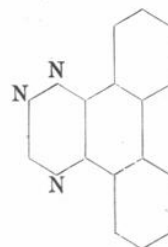
314) Naphtinolin



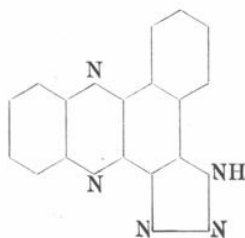
315) αβ-Naphtophenazin



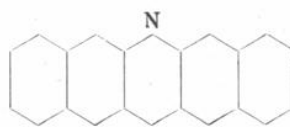
316) Benzo-p-Phenanthrolin



317) Phenanthriazin



318) Azimidonaphtophenazin



319) β-Naphtakridin.