Chlorquinaldol

Other names:	8-Quinolinol, 5,7-dichloro-2-methyl-
	Afungil
	Chloquinan
	Chlorchinaldin
	Chlorchinaldol
	Chlorguinaldon
	Chloroquinaldol
	Florabina
	Gyno-Sterosan
	Hydroxydichloroquinaldine
	Intensol
	Saprosan
	Siogen
	Siogenal
	Siogene
	Siogeno
	Siogenon
	Siosept
	Siosteran
	Sterosan
	Steroxin
	Sterozan
	Vagisteran
	5,7-Dichloro-8-hydroxyquinaldine
	5,7-Dichloro-8-quinaldinol
	5,7-Dichloro-2-methyl-8-hydroxyquinoline
	5,7-Dichloro-2-methyl-8-quinolinol
	Siasteran
	Clorquinaldol
	Quinolin-8-ol, 5,7-dichloro-2-methyl-
	5,7-Dichloro-2-methyl-quinolin-8-ol
	Gynotherax
	Hydroxydichloroquinaldinol
	Quesil
Inchi:	InChI=1S/C10H7Cl2NO/c1-5-2-3-6-7(11)4-8(12)10(14)9(6)13-5/h2-4,14H,1H3
InchiKey:	GPTXWRGISTZRIO-UHFFFAOYSA-N
Formula:	C10H7Cl2NO
SMILES:	Cc1ccc2c(Cl)cc(Cl)c(O)c2n1
Mol. weight [g/mol]:	228.07
CAS:	72-80-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.44		Crippen Method
logp	3.556		Crippen Method
mcvol	148.870	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C72800&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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