Cyamemazine

Other names: 10H-Phenothiazine-2-carbonitrile, 10-[3-(dimethylamino)-2-methylpropyl]-
Phenothiazine-2-carbonitrile, 10-(3-(dimethylamino)-2-methylpropyl)-
Cianatil
Cyamemazin
Cyamepromazine
10-(3-(Dimethylamino)-2-methylpropyl)phenothiazine-2-carbonitrile
F.I. 6229
Kyamepromazine
7204 R.E.
7204 RP
TH 2602
Kyamepromazin
Ciamatil
Cyamepromezine
RP-7204
Tercian

Inchi: InChI=1S/C19H21N3S/c1-14(12-21(2)3)13-22-16-6-4-5-7-18(16)23-19-9-8-15(11-20)10-1

InchiKey: SLFGIOIONGJGRT-UHFFFAOYSA-N

Formula: C19H21N3S

SMILES: CC(CN(C)C)CN1c2ccccc2Sc2ccc(C#N)cc21

Mol. weight [g/mol]: 323.45

CAS: 3546-03-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.61		Crippen Method
logp	4.359		Crippen Method
mcvol	257.880	ml/mol	McGowan Method
rinpol	2604.00		NIST Webbook
rinpol	2604.00		NIST Webbook

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=C3546030&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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