

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
Cyamepromazine
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-

InchiKey:

SLFGIOIONGJGRT-UHFFFAOYSA-N

Formula:

C19H21N3S

SMILES:

CC(CN(C)C)CN1c2cccc2Sc2ccc(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
rinpole	2604.00		NIST Webbook
rinpole	2604.00		NIST Webbook

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C3546030&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

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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