

Ethopropazine

Other names:

(.+/-)-Profenamine
10-[2-(Diethylamino)-1-Propyl]phenothiazine
10-[2-(Diethylamino)-2-methylethyl]phenothiazine
10-[2-(Diethylamino)propyl]phenothiazine
10H-Phenothiazine-10-ethanamine, N,N-diethyl-«alpha»-methyl-
10H-Phenothiazine-10-ethanamine, N,N-diethyl-Â«alphaÂ»-methyl-
2-Diethylamino-1-propyl-N-dibenzoparathiazine
Ethapropazine
Ethopromazine
Fempropazine
Isophthazine
Isothazine
Isothiazine
N,N-Diethyl-«alpha»-methyl-10H-phenothiazine-10-ethanamine
N,N-Diethyl-Â«alphaÂ»-methyl-10H-phenothiazine-10-ethanamine
N,N-diethyl-1-phenothiazin-10-ylpropan-2-amine
Parfezine
Parkin
Parsidol
Parsitan
Parsotil
Phenopropazine
Phenothiazine, 10-[2-(diethylamino)propyl]-
Profenamina
Profenamine
Profenaminum
Prophenamine
Prophenaminum
RP 3356
Rodipal
SC 2538
SKF 2538
W-483

Inchi: InChI=1S/C19H24N2S/c1-4-20(5-2)15(3)14-21-16-10-6-8-12-18(16)22-19-13-9-7-11-17(
InchiKey: CDOZDBSBBXSXLB-UHFFFAOYSA-N
Formula: C19H24N2S
SMILES: CCN(CC)C(C)CN1c2ccccc2Sc2ccccc21
Mol. weight [g/mol]: 312.47
CAS: 522-00-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.15		Aqueous Solubility Prediction Method
logp	5.020		Crippen Method
mcvol	256.500	ml/mol	McGowan Method
rinpol	2357.00		NIST Webbook
rinpol	2357.00		NIST Webbook
rinpol	2357.00		NIST Webbook
rinpol	2390.00		NIST Webbook
rinpol	2378.00		NIST Webbook
rinpol	2360.00		NIST Webbook
rinpol	2357.00		NIST Webbook
rinpol	2360.00		NIST Webbook
rinpol	2378.00		NIST Webbook
tf	329.98	K	Aqueous Solubility Prediction Method

Sources

Aqueous Solubility Prediction Method: <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C522009&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tf:	Normal melting (fusion) point

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