

Methotrimeprazine

Other names:	(-)-10-(3-(Dimethylamino)-2-methylpropyl)-2-methoxyphenothiazine (-)-3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyldimethylamine 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,«beta»-trimethyl-, (-)- 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,«beta»-trimethyl-, (R)- 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,«beta»-trimethyl-, («beta»R)- 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,Â«betaÂ»-trimethyl-, (-)- 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,Â«betaÂ»-trimethyl-, (R)- 10H-Phenothiazine-10-propanamine, 2-methoxy-N,N,Â«betaÂ»-trimethyl-, (Â«betaÂ»R)- 2-Methoxytrimeprazine 7044 R.P. CL 36467 CL 39743 Hirnamin Levomeprazine Levomepromazin Levomepromazine Levopromazine Levoprome Levopromethazine Levotomin Mepromazine NSC 226516 Neozine Neurocil Nirvan Nozinan Nozinane Phenothiazine, 10-[3-(dimethylamino)-2-methylpropyl]-2-methoxy-, (-)- RP 7044 SK&F 5116 SKF 5116 Sinogan Sinogan-Debil Tisercin Veractil XP 03
Inchi:	InChI=1S/C19H24N2OS/c1-14(12-20(2)3)13-21-16-7-5-6-8-18(16)23-19-10-9-15(22-4)1
InchiKey:	VRQVVM DWGGWHTJ-AWEZLNQCLSA-N
Formula:	C19H24N2OS
SMILES:	COc1ccc2c(c1)N(CC(C)CN(C)C)c1cccc1S2

Mol. weight [g/mol]: 328.47
CAS: 60-99-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.22		Aqueous Solubility Prediction Method
logp	4.496		Crippen Method
mvol	262.370	ml/mol	McGowan Method

Sources

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

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=C60991&Units=SI>

Legend

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

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