

Imipramine

Other names:

1-(3-Dimethylaminopropyl)-4,5-dihydro-2,3,6,7-dibenzazepine
10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine
2,2'-(3-Dimethylaminopropylimino)biphenyl
2,2'-(3-Dimethylaminopropylimino)diphenyl
3-(5,6-dihydrobenzo[b][1]benzazepin-11-yl)-N,N-dimethylpropan-1-amine
5,6-Dihydro-N-(3-(dimethylamino)propyl)-11H-dibenz(b,e)azepine
5-(3-(Dimethylamino)propyl)-10,11-dihydro-5H-dibenz(b,f)azepine
5-(3-Dimethylaminopropyl)-10,11-dihydro-5H-dibenzo(b,f)azepine
5H-Dibenz(b,f)azepine, 10,11-dihydro-5-(3-(dimethylamino)propyl)-
5H-Dibenz[b,f]azepine, 5-[3-(dimethylamino)propyl]-10,11-dihydro-
5H-Dibenz[b,f]azepine-5-propanamine, 10,11-dihydro-N,N-dimethyl-
Antideprin
Berkomine
Censtim
Censtin
DPID
Declomipramine
Dimipressin
Dyna-Zina
Dynaprin
Imidobenzyle
Imipramina
Imiprin
Impramine
Intalpram
Iramil
Irmin
Melipramin
Melipramine
N-(3-Dimethylaminopropyl)-o-iminodibenzyl
N-(«gamma»-Dimethylaminopropyl)iminodibenzyl
N-(«gamma»-Dimethylaminopropyl)iminodibenzyl
NSC 169866
Nelipramin
Prazepine
Promiben
Timolet
Tofranil (free base)
Tofranil, base

Inchi:

InChI=1S/C19H24N2/c1-20(2)14-7-15-21-18-10-5-3-8-16(18)12-13-17-9-4-6-11-19(17)21

rinpol	2225.00		NIST Webbook
rinpol	2233.00		NIST Webbook
rinpol	2230.00		NIST Webbook
rinpol	2230.00		NIST Webbook
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rinpol	2235.00		NIST Webbook
rinpol	2240.00		NIST Webbook
rinpol	2242.00		NIST Webbook
rinpol	2205.00		NIST Webbook
rinpol	2205.00		NIST Webbook
rinpol	2190.00		NIST Webbook
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rinpol	2240.00		NIST Webbook
rinpol	2222.00		NIST Webbook
rinpol	2210.00		NIST Webbook
rinpol	2262.00		NIST Webbook
rinpol	2212.00		NIST Webbook
rinpol	2262.00		NIST Webbook
rinpol	2220.00		NIST Webbook
tf	447.65	K	Aqueous Solubility Prediction Method
tf	447.65	K	Aqueous Solubility Prediction Method

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C50497&Units=SI>
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>
Aqueous Solubility Prediction Method: <http://onschallenge.wikispaces.com/file/view/AqueousDataset003.xlsx/351830174/AqueousDa>

Legend

ie: Ionization energy
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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