FONAZINE

Other names:	10H-Phenothiazine-2-sulfonamide, 10-[2-(dimethylamino)propyl]-N,N-dimethyl- Phenothiazine-2-sulfonamide, 10-(2-(dimethylamino)propyl)-N,N-dimethyl- Banistyl Dimethodin Dimethothiazine 10-(2-(Dimethylamino)propyl)-N,N-dimethylphenothiazine-2-sulfonamide Dimethylsulfamido-3-(dimethylamino-2-propyl)-10-phenothiazine 3-Dimethylsulfonamido 10-(2-dimethylaminopropyl)phenothiazine Dimetiotazine Fonazine 8599 R.P. Dimethiotazine RP-8599
Inchi:	InChI=1S/C19H25N3O2S2/c1-14(20(2)3)13-22-16-8-6-7-9-18(16)25-19-11-10-15(12-17(
InchiKey:	VWNWVCJGUMZDIU-UHFFFAOYSA-N
Formula:	C19H25N3O2S2
SMILES:	CC(CN1c2ccccc2Sc2ccc(S(=O)(=O)N(C)C)cc21)N(C)C
Mol. weight [g/mol]:	391.56

Physical Properties

Property code	Value	Unit	Source
ie	7.17	eV	Cheméo Relay (1.0)
log10ws	-4.26		Cheméo Relay (1.0)
logp	3.490		Crippen Method
mcvol	294.570	ml/mol	McGowan Method
rinpol	3078.00		NIST Webbook
rinpol	3060.00		NIST Webbook
rinpol	3050.00		NIST Webbook
rinpol	3078.00		NIST Webbook
rinpol	3078.00		NIST Webbook
rinpol	3047.00		NIST Webbook
rinpol	3050.00		NIST Webbook
rinpol	3060.00		NIST Webbook
rinpol	3047.00		NIST Webbook
tf	426.64	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7456248&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

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