

Temazepam tbdms

Other names:	Temazepam, DMTBS Temazepam, tbdms derivative
Inchi:	InChI=1S/C22H27ClN2O2Si/c1-22(2,3)28(5,6)27-20-21(26)25(4)18-13-12-16(23)14-17(1)
InchiKey:	JKSMOLSDAWSXTF-UHFFFAOYSA-N
Formula:	C22H27ClN2O2Si
SMILES:	CN1C(=O)C(O[Si](C)(C)C(C)(C)C)N=C(c2ccccc2)c2cc(Cl)ccc21
Mol. weight [g/mol]:	415.00

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	5.502		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U331716&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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<https://www.cheméo.com/cid/124-880-7/Tamazepam-tbdms.pdf>

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