

Bis(trimethylsilyl)psilocin

Other names: 1H-Indole-3-ethanamine, N,N-dimethyl-1-(trimethylsilyl)-4-[(trimethylsilyl)oxy]-psilocin, di-TMS

Inchi: InChI=1S/C18H32N2OSi2/c1-19(2)13-12-15-14-20(22(3,4)5)16-10-9-11-17(18(15)16)21-

InchiKey: AASYBTGNOWJHLI-UHFFFAOYSA-N

Formula: C18H32N2OSi2

SMILES: CN(C)CCc1cn([Si](C)(C)C)c2ccc(O[Si](C)(C)C)c12

Mol. weight [g/mol]: 348.63

CAS: 55760-24-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.83		Crippen Method
logp	4.642		Crippen Method
rinpol	2139.90		NIST Webbook
rinpol	2099.00		NIST Webbook
rinpol	2099.00		NIST Webbook
rinpol	2139.90		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55760242&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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