

5-methoxy-N-dimethyltryptamine, TMS

Inchi: InChI=1S/C16H26N2OSi/c1-17(2)10-9-13-12-18(20(4,5)6)16-8-7-14(19-3)11-15(13)16/h
InchiKey: VGKTYEMLLOWRQL-UHFFFAOYSA-N
Formula: C16H26N2OSi
SMILES: COc1ccc2c(c1)c(CCN(C)C)cn2[Si](C)(C)C
Mol. weight [g/mol]: 290.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	3.437		Crippen Method
rinpol	2060.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R293802&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/50-295-9/5-methoxy-N-dimethyltryptamine-TMS.pdf>

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