

Metaxalone, trimethylsilyl ether

Inchi: InChI=1S/C15H23NO3Si/c1-11-6-12(2)8-13(7-11)17-10-14-9-16-15(18-14)19-20(3,4)5/h
InchiKey: LZIFTANSDLPQAO-UHFFFAOYSA-N
Formula: C15H23NO3Si
SMILES: Cc1cc(C)cc(OCC2CN=C(O[Si](C)(C)C)O2)c1
Mol. weight [g/mol]: 293.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.44		Crippen Method
logp	3.289		Crippen Method
rinpol	2182.60		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U417203&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/83-623-8/Metaxalone-trimethylsilyl-ether.pdf>

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