

SINAPYL ALDEHYDE MEOX TMS

Inchi: InChI=1S/C15H23NO4Si/c1-17-13-10-12(8-7-9-16-19-3)11-14(18-2)15(13)20-21(4,5)6/h7-14,16-19,21
InchiKey: VFRBTDBAXFOKHJ-AQVPEHARSA-N
Formula: C15H23NO4Si
SMILES: CON=CC=Cc1cc(OC)c(O[Si](C)(C)C)c(OC)c1
Mol. weight [g/mol]: 309.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.62		Crippen Method
logp	3.563		Crippen Method
rinpol	2100.60		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R414787&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/24-400-0/SINAPYL-ALDEHYDE-MEOX-TMS.pdf>

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