

Silane, dimethyloctyloxydecyloxy-

Inchi: InChI=1S/C20H44O2Si/c1-5-7-9-11-13-14-16-18-20-22-23(3,4)21-19-17-15-12-10-8-6-2/
InchiKey: ORDUPXCSTWEOEHID-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)CCCCCCCCC
Mol. weight [g/mol]: 344.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	7.223		Crippen Method
rinpol	2050.00		NIST Webbook
rinpol	2050.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346747&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/95-190-6/Silane-dimethyloctyloxydecyloxy.pdf>

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