

Silane, diethyldecyloxyoctyloxy-

Inchi: InChI=1S/C22H48O2Si/c1-5-9-11-13-15-16-18-20-22-24-25(7-3,8-4)23-21-19-17-14-12-10
InchiKey: BBVPBITXCJOGIX-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCCCCCCCC
Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	8.003		Crippen Method
rinpol	2199.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363080&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/29-189-1/Silane-diethyldecyloxyoctyloxy.pdf>

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