

Silane, diethylhexadecyloxyisohexyloxy-

Inchi: InChI=1S/C26H56O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-24-27-29(7-2,8-3)2
InchiKey: USSQFGHXSZAITN-UHFFFAOYSA-N
Formula: C26H56O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCC(C)C
Mol. weight [g/mol]: 428.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.27		Crippen Method
logp	9.419		Crippen Method
rinpol	2562.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363323&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/10-815-5/Silane-diethylhexadecyloxyisohexyloxy.pdf>

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