

Silane, diethylhexadecyloxy(2-methyl-4-methoxybutoxy)-

Inchi: InChI=1S/C26H56O3Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-23-28-30(7-2,8-3)2
InchiKey: FJWPPNNKHSKOTC-UHFFFAOYSA-N
Formula: C26H56O3Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)CCOC
Mol. weight [g/mol]: 444.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.36		Crippen Method
logp	8.655		Crippen Method
rinpol	2657.00		NIST Webbook
rinpol	2657.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363422&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/49-014-2/Silane-diethylhexadecyloxy-2-methyl-4-methoxybutoxy.pdf>

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