

Silane, diethylisobutoxy(4-octyloxy)-

Inchi: InChI=1S/C16H36O2Si/c1-7-11-13-16(12-8-2)18-19(9-3,10-4)17-14-15(5)6/h15-16H,7-14H
InchiKey: ZBGLPXOCNRWQIX-UHFFFAOYSA-N
Formula: C16H36O2Si
SMILES: CCCCC(CCC)O[Si](CC)(CC)OCC(C)C
Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	5.516		Crippen Method
rinpol	1485.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363746&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/63-969-7/Silane-diethylisobutoxy-4-octyloxy.pdf>

Generated by Cheméo on 2024-04-24 04:29:07.318486347 +0000 UTC m=+16222196.239063658.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.