

Silane, diethyl(2-ethoxyethoxy)octyloxy-

Inchi: InChI=1S/C16H36O3Si/c1-5-9-10-11-12-13-14-18-20(7-3,8-4)19-16-15-17-6-2/h5-16H2,1
InchiKey: KHELXOVNQIUCBT-UHFFFAOYSA-N
Formula: C16H36O3Si
SMILES: CCCCCCCO[Si](CC)(CC)OCCOCC
Mol. weight [g/mol]: 304.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	4.899		Crippen Method
rinpol	1745.00		NIST Webbook
rinpol	1745.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363522&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/62-534-0/Silane-diethyl-2-ethoxyethoxy-octyloxy.pdf>

Generated by Cheméo on 2024-05-06 17:30:57.971145068 +0000 UTC m=+17305906.891722389.

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