

Silane, diethyl(2-methylbutoxy)octadecyloxy-

Inchi: InChI=1S/C27H58O2Si/c1-6-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-28-30(8)
InchiKey: SCLNQRNAVYEXJI-UHFFFAOYSA-N
Formula: C27H58O2Si
SMILES: CCCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)CC
Mol. weight [g/mol]: 442.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.69		Crippen Method
logp	9.809		Crippen Method
rinpol	2670.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363109&Units=SI>

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/27-380-0/Silane-diethyl-2-methylbutoxy-octadecyloxy.pdf>

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