

Silane, dimethyl(2-ethylhexyloxy)docosyloxy-

Inchi: InChI=1S/C32H68O2Si/c1-6-9-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28
InchiKey: WCOMTHSMEJKTMJ-UHFFFAOYSA-N
Formula: C32H68O2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)OCC(CC)CCCC
Mol. weight [g/mol]: 512.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.78		Crippen Method
logp	11.760		Crippen Method
rinpol	3118.00		NIST Webbook
rinpol	3118.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346809&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/94-735-2/Silane-dimethyl-2-ethylhexyloxy-docosyloxy.pdf>

Generated by Cheméo on 2024-04-27 10:32:14.914733727 +0000 UTC m=+16503183.835311043.

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