

Silane, dimethyl(2-ethylhexyloxy)dodecyloxy-

Inchi: InChI=1S/C22H48O2Si/c1-6-9-11-12-13-14-15-16-17-18-20-23-25(4,5)24-21-22(8-3)19-1
InchiKey: HQOAATMVFYBYOA-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)OCC(CC)CCCC
Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	7.859		Crippen Method
rinpol	2144.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346803&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.chemeo.com/cid/84-425-7/Silane-dimethyl-2-ethylhexyloxy-dodecyloxy.pdf>

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