

Silane, diethyldodecyloxytetrahydrofurfuryloxy-

Inchi: InChI=1S/C21H44O3Si/c1-4-7-8-9-10-11-12-13-14-15-19-23-25(5-2,6-3)24-20-21-17-16-
InchiKey: XUGDIWJISPCIQR-UHFFFAOYSA-N
Formula: C21H44O3Si
SMILES: CCCCCCCCCCCO[Si](CC)(CC)OCC1CCCO1
Mol. weight [g/mol]: 372.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.51		Crippen Method
logp	6.601		Crippen Method
rinpol	2313.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363536&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/15-508-1/Silane-diethyldodecyloxytetrahydrofurfuryloxy.pdf>

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