

Silane, dimethyl(tetrahydrofurfuryloxy)heptadecyloxy-

Other names: Silane, dimethyl(furfuryloxy)heptadecyloxy-
Inchi: InChI=1S/C24H50O3Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-26-28(2,3)27-23-
InchiKey: CTDQSGXVNMXBNU-UHFFFAOYSA-N
Formula: C24H50O3Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OCC1CCCO1
Mol. weight [g/mol]: 414.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.77		Crippen Method
logp	7.772		Crippen Method
rinpol	2635.00		NIST Webbook
rinpol	2635.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347835&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/46-402-4/Silane-dimethyl-tetrahydrofurfuryloxy-heptadecyloxy.pdf>

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