

Silane, diethylhexadecyloxytetrahydrofurfuryloxy-

Inchi:	InChI=1S/C25H52O3Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-23-27-29(5-2,6-3)28-
InchiKey:	KDDNOKLNPNRFHZ-UHFFFAOYSA-N
Formula:	C25H52O3Si
SMILES:	CCCCCCCCCCCCCCCCO[Si](CC)(CC)OCC1CCCO1
Mol. weight [g/mol]:	428.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.19		Crippen Method
logp	8.162		Crippen Method
rinpol	2715.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363537&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/39-529-2/Silane-diethylhexadecyloxytetrahydrofurfuryloxy.pdf>

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