

Silane, diethyldodecyloxy(4-octyloxy)-

Inchi: InChI=1S/C24H52O2Si/c1-6-11-13-14-15-16-17-18-19-20-23-25-27(9-4,10-5)26-24(21-8)
InchiKey: HIIUDBVGYFMTTG-UHFFFAOYSA-N
Formula: C₂₄H₅₂O₂Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCCC
Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.79		Crippen Method
logp	8.781		Crippen Method
rinpol	2269.00		NIST Webbook
rinpol	2269.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363752&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/12-056-6/Silane-diethyldodecyloxy-4-octyloxy.pdf>

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