

Silane, diethyldecyloxyheptyloxy-

Inchi: InChI=1S/C21H46O2Si/c1-5-9-11-13-14-15-17-19-21-23-24(7-3,8-4)22-20-18-16-12-10-6
InchiKey: WMQNOOXHDBUTLI-UHFFFAOYSA-N
Formula: C₂₁H₄₆O₂Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCCCCCCC
Mol. weight [g/mol]: 358.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.42		Crippen Method
logp	7.613		Crippen Method
rinpol	2110.00		NIST Webbook
rinpol	2110.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363954&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/45-202-7/Silane-diethyldecyloxyheptyloxy.pdf>

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