

Silane, diethylhexadecyloxyneopentyloxy-

Inchi: InChI=1S/C25H54O2Si/c1-7-10-11-12-13-14-15-16-17-18-19-20-21-22-23-26-28(8-2,9-3)
InchiKey: HTDUKZFYDAXUNP-UHFFFAOYSA-N
Formula: C25H54O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCC(C)(C)C
Mol. weight [g/mol]: 414.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.85		Crippen Method
logp	9.029		Crippen Method
rinpol	2404.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363948&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/65-696-8/Silane-diethylhexadecyloxyneopentyloxy.pdf>

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