Silane, diethylhexadecyloxy(3-methylbutoxy)-

Inchi:	InChI=1S/C25H54O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-23-26-28(7-2,8-3)2
InchiKey:	JHWVWRYZWAUXDI-UHFFFAOYSA-N
Formula:	C25H54O2Si
SMILES:	CCCCCCCCCCCCCCCCO[Si](CC)(CC)OCCC(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	2473.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363005&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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https://www.chemeo.com/cid/12-384-2/Silane-diethylhexadecyloxy-3-methylbutoxy.pdf

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