Silane, diethyldodecyloxy(2-ethylhexyloxy)-

Inchi:	InChI=1S/C24H52O2Si/c1-6-11-13-14-15-16-17-18-19-20-22-25-27(9-4,10-5)26-23-24(8-
InchiKey:	CAJLSIPBBPQUTC-UHFFFAOYSA-N
Formula:	C24H52O2Si
SMILES:	CCCCCCCCCCCCO[Si](CC)(CC)OCC(CC)CCCC
Mol. weight [g/mol]:	400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.43		Crippen Method
logp	8.639		Crippen Method
rinpol	2304.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363054&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/31-560-5/Silane-diethyldodecyloxy-2-ethylhexyloxy.pdf

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