Silane, diethylhexadecyloxy(4-octyloxy)-

Inchi:	InChI=1S/C28H60O2Si/c1-6-11-13-14-15-16-17-18-19-20-21-22-23-24-27-29-31(9-4,10-5
InchiKey:	HCWZGEYOZDTCCW-UHFFFAOYSA-N
Formula:	C28H60O2Si
SMILES:	CCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCCC
Mol. weight [g/mol]:	456.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.46		Crippen Method
logp	10.342		Crippen Method
rinpol	2659.00		NIST Webbook
rinpol	2659.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363755&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

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https://www.chemeo.com/cid/19-523-0/Silane-diethylhexadecyloxy-4-octyloxy.pdf
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