

Silane, diethyl(4-methylpent-2-yloxy)octadecyloxy-

Inchi:	InChI=1S/C28H60O2Si/c1-7-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-29-31(8
InchiKey:	DAJBYTHGNBAJMJ-UHFFFAOYSA-N
Formula:	C28H60O2Si
SMILES:	CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CC(C)C
Mol. weight [g/mol]:	456.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	10.198		Crippen Method
rinpol	2687.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363442&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/29-138-7/Silane-diethyl-4-methylpent-2-yloxy-octadecyloxy.pdf>

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