Silane, diethyl(3-methylpentyloxy)pentadecyloxy-

Inchi: InChI=1S/C25H54O2Si/c1-6-10-11-12-13-14-15-16-17-18-19-20-21-23-26-28(8-3,9-4)27-

InchiKey: DYVPERCHNCZSDY-UHFFFAOYSA-N

Formula: C25H54O2Si

SMILES: CCCCCCCCCCCCCCCO[Si](CC)(CC)OCCC(C)CC

Mol. weight [g/mol]: 414.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.85		Crippen Method
logp	9.029		Crippen Method
rinpol	2466.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363493&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