

Silane, dimethyl(dimethyl(3-methylpentylloxy)silyloxy)heptyloxy

Inchi: InChI=1S/C17H40O3Si2/c1-8-10-11-12-13-15-18-21(4,5)20-22(6,7)19-16-14-17(3)9-2/h1-17
InchiKey: VSTHDGPWDLHSKW-UHFFFAOYSA-N
Formula: C17H40O3Si2
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)OCCC(C)CC
Mol. weight [g/mol]: 348.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	5.846		Crippen Method
rinpol	1669.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347710&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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