Silane, dimethyl(3-methylpentyloxy)dodecyloxy-

Inchi: InChI=1S/C20H44O2Si/c1-6-8-9-10-11-12-13-14-15-16-18-21-23(4,5)22-19-17-20(3)7-2/
InchiKey: GUUNECZQPHSKKP-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCCCCCCCCCO[Si](C)(C)OCCC(C)CC
Mol. weight [g/mol]: 344.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	7.079		Crippen Method
rinpol	2019.00		NIST Webbook
rinpol	2019.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347701&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