

Silane, dimethyldi(3,7-dimethyloct-3-yloxy)

Inchi: InChI=1S/C22H48O2Si/c1-11-21(7,17-13-15-19(3)4)23-25(9,10)24-22(8,12-2)18-14-16-2
InchiKey: YGZRWCLFTQFPOH-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCC(C)(CCCC(C)C)O[Si](C)(C)OC(C)(CC)CCCC(C)C
Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.58		Crippen Method
logp	7.711		Crippen Method
rinpol	2047.00		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=U346786&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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