

1-(2-Methylbutoxy)-7-heptyl-2,2,4,4,6,6-hexamethylsiloxane

Inchi: InChI=1S/C18H44O4Si3/c1-10-12-13-14-15-16-19-23(4,5)21-25(8,9)22-24(6,7)20-17-18
InchiKey: NYBHMYUWTRBZNS-UHFFFAOYSA-N
Formula: C18H44O4Si3
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCC(C)CC
Mol. weight [g/mol]: 408.80

Physical Properties

Property code	Value	Unit	Source
log10ws	0.64		Crippen Method
logp	6.175		Crippen Method
rinpol	1737.00		NIST Webbook
rinpol	1737.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347008&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

Latest version available from:

<https://www.chemeo.com/cid/122-615-3/1-2-Methylbutoxy-7-heptyl-2-2-4-4-6-6-hexamethyl-1-3-5-7-tetraoxa-2-4-6-trioxane>

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