

Trihexyloxymethylsilane

Inchi: InChI=1S/C19H42O3Si/c1-5-8-11-14-17-20-23(4,21-18-15-12-9-6-2)22-19-16-13-10-7-3/
InchiKey: OEZONJBFNCSLS-UHFFFAOYSA-N
Formula: C19H42O3Si
SMILES: CCCCCCO[Si](C)(OCCCCC)OCCCCC
Mol. weight [g/mol]: 346.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.25		Crippen Method
logp	6.346		Crippen Method
rinpol	1808.00		NIST Webbook
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rinpol	1808.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160846&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/31-363-4/Trihexyloxymethylsilane.pdf>

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