

2,3-Bis((trimethylsilyl)oxy)propyl docosanoate

Inchi: InChI=1S/C31H66O4Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31
InchiKey: YEVJGQVQTFSGOK-UHFFFAOYSA-N
Formula: C31H66O4Si2
SMILES: CCCCCCCCCCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 559.02
CAS: 1221425-78-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.05		Crippen Method
logp	10.423		Crippen Method
rinpol	3152.50		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1221425780&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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