

Trimethylsilyl triacontanoate

Inchi: InChI=1S/C33H68O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25
InchiKey: PEVGIHYISVLWPO-UHFFFAOYSA-N
Formula: C33H68O2Si
SMILES: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 524.98
CAS: 1206693-37-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.55		Crippen Method
logp	12.307		Crippen Method
rinsol	3426.20		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1206693379&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/97-232-7/Trimethylsilyl-triacontanoate.pdf>

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