

Trimethylsilyl 20-(trimethylsilyloxy)eicosanoate

Other names:	20-hydroxyeicosanoic acid, TMSi ester TMSi ether
Inchi:	InChI=1S/C26H56O3Si2/c1-30(2,3)28-25-23-21-19-17-15-13-11-9-7-8-10-12-14-16-18-2
InchiKey:	WRKQVQNZSINVKD-UHFFFAOYSA-N
Formula:	C ₂₆ H ₅₆ O ₃ Si ₂
SMILES:	<chem>C[Si](C)(C)OCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	472.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	9.238		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368597&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

Latest version available from:

<https://www.chemeo.com/cid/92-344-8/Trimethylsilyl-20-trimethylsilyloxy-eicosanoate.pdf>

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