

Tetracosanoic acid, tert-butyldimethylsilyl ester

Other names:	Lignoceric acid, TBDMS
Inchi:	InChI=1S/C30H62O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-
InchiKey:	VADYKSILEDUBEK-UHFFFAOYSA-N
Formula:	C30H62O2Si
SMILES:	CCCCCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)C
Mol. weight [g/mol]:	482.90
CAS:	104255-85-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.29		Crippen Method
logp	11.137		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C104255858&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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