

cis-5,8,11-Eicosatrienoic acid, tert-butyldimethylsilyl ester

Inchi: InChI=1S/C26H48O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)
InchiKey: DHPOCPIRKKJGCY-SKFHMOIXSA-N
Formula: C26H48O2Si
SMILES: CCCCCCCC=CCC=CC=CCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 420.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.18		Crippen Method
logp	8.905		Crippen Method
rmpol	2617.30		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333535&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/86-633-4/cis-5-8-11-Eicosatrienoic-acid-tert-butyldimethylsilyl-ester.pdf>

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