

«gamma»-Linolenic acid, tert-butyldimethylsilyl ester

Other names: «GAMMA»-linolenic acid, tbdms derivative
Inchi: InChI=1S/C24H44O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(25)26-27(
InchiKey: HWTAEWVATVUJEK-IHDWIWDKSA-N
Formula: C24H44O2Si
SMILES: CCCCCC=CCC=CCC=CCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 392.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.34		Crippen Method
logp	8.124		Crippen Method
rinpol	2448.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333654&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/11-151-1/gamma-Linolenic-acid-tert-butyldimethylsilyl-ester.pdf>

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