

cis-10-Nonadecenoic acid, tert-butyldimethylsilyl ester

Other names: 10-Nonadecenoic acid, (z)-, tbdms derivative
Inchi: InChI=1S/C25H50O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24(26)27-
InchiKey: CTWRLNFUSGJYOR-PFONDFGASA-N
Formula: C₂₅H₅₀O₂Si
SMILES: CCCCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 410.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.05		Crippen Method
logp	8.962		Crippen Method
rinsol	2571.20		NIST Webbook
rinsol	2571.20		NIST Webbook

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=U333648&Units=SI>

Legend

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

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