5,8,11,14-Eicosatetraynoic acid, tert-butyldimethylsilyl ester

Other names: 5,8,11,14-Eicosatetraynoic acid, tbdms derivative
Inchi: InChI=1S/C26H38O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)
InchiKey: IETVFEJQTXKQKL-UHFFFAOYSA-N
Formula: C26H38O2Si
SMILES: CCCCCC#CCC#CCC#CCC#CCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 410.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.80		Crippen Method
logp	6.469		Crippen Method
rinpol	2881.10		NIST Webbook
rinpol	2881.10		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333546&Units=SI

Legend

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