

cis-11,14-Eicosadienoic acid, tert-butyldimethylsilyl ester

Inchi: InChI=1S/C26H50O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)
InchiKey: JZKPUJGEVCZHOX-HDXUUTQWSA-N
Formula: C26H50O2Si
SMILES: CCCCCC=CCC=CCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 422.76

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -7.33 | | Crippen Method |
| logp | 9.129 | | Crippen Method |
| rinpol | 2664.20 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333619&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

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