

(9E,12Z)-Tetradeca-9,12-dien-1-ol, tert-tert-butyl dimethylsilyl ether

Other names: (Z,E)-Tetradeca-9,12-dienol, tert-Butyldimethylsilyl ether
Inchi: InChI=1S/C20H40OSi/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22(5,6)20(2,3)4/h7-8
InchiKey: WRQNLIKVUWZVMA-QEFCTBRHSA-N
Formula: C20H40OSi
SMILES: CC=CCC=CCCCCCCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 324.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.04		Crippen Method
logp	7.261		Crippen Method
rinpol	1993.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373397&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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.chemeo.com/cid/11-193-5/9E-12Z-Tetradeca-9-12-dien-1-ol-tert-tert-butyl dimethylsilyl-ether.pdf>

Generated by Cheméo on 2025-12-05 20:12:12.881573154 +0000 UTC m=+4713730.411613808.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.