4-Hexen-1-ol, (4E)-, tert-butyldimethylsilyl ether

Other names: 4-Hexen-1-ol, (e)-, tbdms derivative

Inchi: InChI=1S/C12H26OSi/c1-7-8-9-10-11-13-14(5,6)12(2,3)4/h7-8H,9-11H2,1-6H3/b8-7+

InchiKey: NISBEKMSPRWJFE-BQYQJAHWSA-N

Formula: C12H26OSi

SMILES: CC=CCCCO[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 214.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.84		Crippen Method
logp	4.364		Crippen Method

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=U352726&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

https://www.chemeo.com/cid/79-286-8/4-Hexen-1-ol-4E-tert-butyldimethylsilyl-ether.pdf

Generated by Cheméo on 2024-10-12 07:38:55.688775899 +0000 UTC m=+3299598.325745147.

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