2-Butanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C13H22OSi/c1-5-12(2)14-15(3,4)11-13-9-7-6-8-10-13/h6-10,12H,5,11H2,1-4H
InchiKey: SYLFZPVCHKYVSZ-UHFFFAOYSA-N
Formula: C13H22OSi
SMILES: CCC(C)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 222.40

Physical Properties

Property code	Value	Unit	Source
ie	8.74	eV	Cheméo Relay (1.0)
logp	3.788		Crippen Method
rinpol	1373.00		NIST Webbook
tb	519.57	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375554&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

Latest version available from:
https://www.chemeo.com/cid/69-004-1/2-Butanol-benzyldimethylsilyl-ether.pdf
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