(R)-(-)-Phenylephrine, bis(trimethylsilyl) ether

Inchi: InChI=1S/C15H29NO2Si2/c1-16-12-15(18-20(5,6)7)13-9-8-10-14(11-13)17-19(2,3)4/h8-1
InchiKey: NQSSUVWEPFXLBN-UHFFFAOYSA-N
Formula: C15H29NO2Si2
SMILES: CNCC(O[Si](C)(C)C)c1cccc(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 311.57

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	4.012		Crippen Method
rinpol	1645.20		NIST Webbook
rinpol	1645.20		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=U417174&Units=SI

Legend

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