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

Inchi: InChI=1S/C18H37NO2Si3/c1-19(22(2,3)4)15-18(21-24(8,9)10)16-12-11-13-17(14-16)20-

InchiKey: DHSGYTUNWSCAEN-UHFFFAOYSA-N

Formula: C18H37NO2Si3

SMILES: CN(CC(O[Si](C)(C)C)c1cccc(O[Si](C)(C)C)c1)[Si](C)(C)C

Mol. weight [g/mol]: 383.75

Physical Properties

Property code	Value	Unit	Source
log10ws	1.57		Crippen Method
logp	5.560		Crippen Method
rinpol	1770.90		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U417175&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices