

(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/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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