Ephedrine, N-isoBOC, O-TBDMS

Inchi: InChI=1S/C20H35NO3Si/c1-16(2)15-23-19(22)21(6)14-18(17-12-10-9-11-13-17)24-25(7,

InchiKey: VOJAVUSSRHRHKB-UHFFFAOYSA-N

Formula: C20H35NO3Si

SMILES: CC(C)COC(=O)N(C)CC(O[Si](C)(C)C(C)(C)C)c1ccccc1

Mol. weight [g/mol]: 365.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.06		Crippen Method
logp	5.474		Crippen Method
rinpol	2112.00		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=R392459&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices