

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

Latest version available from:

<https://www.chemeo.com/cid/60-246-2/Ephedrine-N-isoBOC-O-TBDMS.pdf>

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