Pyrrolidine, 1-(1-(4-trimethylsilyloxybenzoyl)ethyl)

Other names: R,S-4'-Methoxy-«alpha»-pyrrolidinopropiophenone-M (desmethyl-), TMS

Inchi: InChI=1S/C16H25NO2Si/c1-13(17-11-5-6-12-17)16(18)14-7-9-15(10-8-14)19-20(2,3)4/h7

InchiKey: BQPAFDLGYCEGRC-UHFFFAOYSA-N

Formula: C16H25NO2Si

SMILES: CC(C(=O)c1ccc(O[Si](C)(C)C)cc1)N1CCCC1

Mol. weight [g/mol]: 291.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.81		Crippen Method
logp	3.567		Crippen Method
rinpol	2005.00		NIST Webbook
rinpol	2005.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R290596&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices