

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/ci9903071

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/25-183-1/Pyrrolidine-1-1-4-trimethylsilyloxybenzoyl-ethyl.pdf>

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