

N-2-Furoylglycine, tert-butyldimethylsilyl ester

Other names:	tert-Butyl(dimethyl)silyl N-2-furoylglycinate Furoylglycine, tbdms derivative
Inchi:	InChI=1S/C13H21NO4Si/c1-13(2,3)19(4,5)18-11(15)9-14-12(16)10-7-6-8-17-10/h6-8H,9
InchiKey:	OKLZQDNBEVSGSM-UHFFFAOYSA-N
Formula:	C13H21NO4Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CNC(=O)c1ccco1
Mol. weight [g/mol]:	283.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.39		Crippen Method
logp	2.558		Crippen Method
rinpol	1904.20		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332858&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/58-268-1/N-2-Furoylglycine-tert-butyldimethylsilyl-ester.pdf>

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