N-Phenylacetyl glycine, trimethylsilyl-

Other names:	Phenaceturic acid, trimethylsilyl ester
	Glycine, N-phenylacetyl, mono-TMS
Inchi:	InChI=1S/C13H19NO3Si/c1-18(2,3)17-13(16)10-14-12(15)9-11-7-5-4-6-8-11/h4-8H,9-10
InchiKey:	NUCQPVCNCWCHMW-UHFFFAOYSA-N
Formula:	C13H19NO3Si
SMILES:	C[Si](C)(C)OC(=O)CNC(=O)Cc1ccccc1
Mol. weight [g/mol]:	265.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.25		Crippen Method
logp	1.723		Crippen Method
rinpol	1866.00		NIST Webbook
rinpol	1866.00		NIST Webbook
rinpol	1896.60		NIST Webbook
rinpol	1866.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U79544&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