Phenylacetylglycine, TMS

Other names:	Phenylacetylglycine, bis-TMS
	Glycine, N-phenylacetyl, bis-TMS
	Phenylacetylglycine, di-TMS
Inchi:	InChI=1S/C16H27NO3Si2/c1-21(2,3)19-15(12-14-10-8-7-9-11-14)17-13-16(18)20-22(4,5
InchiKey:	FMACSPBAPWCZCK-UHFFFAOYSA-N
Formula:	C16H27NO3Si2
SMILES:	C[Si](C)(C)OC(=O)CN=C(Cc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]:	337.56

Physical Properties

Property code	Value	Unit	Source
log10ws	0.67		Crippen Method
logp	3.857		Crippen Method
rinpol	1842.00		NIST Webbook
rinpol	1842.00		NIST Webbook
rinpol	1842.00		NIST Webbook
rinpol	1842.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R113107&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

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