Glycine, N-[4-[(trimethylsilyl)oxy]benzoyl]-, trimethylsilyl ester

Other names:	4-Hydroxyhippuric acid, di-TMS
	Glycine, N-(4-hydroxybenzoyl)-, bis(trimethylsilyl) deriv.
	Hippuric acid, 4-hydroxy, bis-TMS
	Hippuric acid, 4-hydroxy, TMS, # 2
Inchi:	InChI=1S/C15H25NO4Si2/c1-21(2,3)19-13-9-7-12(8-10-13)15(18)16-11-14(17)20-22(4,5
InchiKey:	FSRUVIACJHADSP-UHFFFAOYSA-N
Formula:	C15H25NO4Si2
SMILES:	C[Si](C)(C)OC(=O)CNC(=O)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	339.53
CAS:	55622-53-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.59		Crippen Method
logp	3.008		Crippen Method
rinpol	2190.00		NIST Webbook
rinpol	2202.00		NIST Webbook
rinpol	2202.00		NIST Webbook
rinpol	2192.00		NIST Webbook
rinpol	2202.00		NIST Webbook
rinpol	2233.00		NIST Webbook
rinpol	2239.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55622532&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

Latest version available from:

https://www.chemeo.com/cid/30-633-5/Glycine-N-4-trimethylsilyl-oxy-benzoyl-trimethylsilyl-ester.pdf

Generated by Cheméo on 2024-10-12 07:16:13.683347204 +0000 UTC m=+3298236.320316458.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.