

Butyl 4-[(trimethylsilyl)oxy]benzoate

Other names:	Benzoic acid, p-(trimethylsiloxy)-, butyl ester
Inchi:	InChI=1S/C14H22O3Si/c1-5-6-11-16-14(15)12-7-9-13(10-8-12)17-18(2,3)4/h7-10H,5-6,1
InchiKey:	NPHRHHQEJSRYEL-UHFFFAOYSA-N
Formula:	C14H22O3Si
SMILES:	CCCCOC(=O)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	266.41
CAS:	27739-20-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	3.857		Crippen Method
rinpol	1772.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C27739204&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/118-811-0/Butyl-4-trimethylsilyl-oxy-benzoate.pdf>

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