

2-Methoxyphenylpropionic acid, trimethylsilyl ester

Other names:	(2-Methoxyphenyl)propionic acid, TMS Trimethylsilyl 3-(2-methoxyphenyl)propanoate Hydrocinnamic acid, o-methoxy-, trimethylsilyl ester Benzene propanoic acid, 2-methoxy, trimethylsilyl ester 3-(2-Methoxyphenyl)propanoic acid, tms derivative
Inchi:	InChI=1S/C13H20O3Si/c1-15-12-8-6-5-7-11(12)9-10-13(14)16-17(2,3)4/h5-8H,9-10H2,1-
InchiKey:	DCZUUHAXBALCCL-UHFFFAOYSA-N
Formula:	C13H20O3Si
SMILES:	COc1ccccc1CCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	252.38
CAS:	27750-54-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.98		Crippen Method
logP	3.006		Crippen Method
rinpol	1595.00		NIST Webbook
rinpol	1595.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C27750545&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logP:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/29-850-6/2-Methoxyphenylpropionic-acid-trimethylsilyl-ester.pdf>

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