

Isopropyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, isopropyl trimethylsilyl ester
Inchi:	InChI=1S/C14H20O4Si/c1-10(2)17-13(15)11-8-6-7-9-12(11)14(16)18-19(3,4)5/h6-10H,1-
InchiKey:	ULQPTGCEULAABS-UHFFFAOYSA-N
Formula:	C14H20O4Si
SMILES:	CC(C)OC(=O)c1ccccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	280.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	3.244		Crippen Method
rinpol	1688.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373487&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/37-369-2/Isopropyl-trimethylsilyl-phthalate.pdf>

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