Prop-2-ynyl trimethylsilyl phthalate

Other names: 1,2-Benzenedicarboxylic acid, prop-2-ynyl trimethylsilyl ester
Inchi: InChI=1S/C14H16O4Si/c1-5-10-17-13(15)11-8-6-7-9-12(11)14(16)18-19(2,3)4/h1,6-9H,1
InchiKey: GSXKMDUROHECTG-UHFFFAOYSA-N
Formula: C14H16O4Si
SMILES: C#CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 276.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.48		Crippen Method
logp	2.468		Crippen Method
rinpol	1747.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373669&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