2-Chloroethyl trimethylsilyl phthalate

Other names: 1,2-Benzenedicarboxylic acid, 2-chloroethyl trimethylsilyl ester
Inchi: InChI=1S/C13H17ClO4Si/c1-19(2,3)18-13(16)11-7-5-4-6-10(11)12(15)17-9-8-14/h4-7H,8
InchiKey: CYIQIEQYKNNRAK-UHFFFAOYSA-N
Formula: C13H17ClO4Si
SMILES: C[Si](C)(C)OC(=O)c1ccccc1C(=O)OCCCl
Mol. weight [g/mol]: 300.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	3.074		Crippen Method
rinpol	1872.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373637&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