

tert-Butyldimethylsilyl 2,2-dichloroethyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, 2,2-dichloroethyl tert-butyldimethylsilyl ester
Inchi:	InChI=1S/C16H22Cl2O4Si/c1-16(2,3)23(4,5)22-15(20)12-9-7-6-8-11(12)14(19)21-10-13
InchiKey:	LWQXRBUOWSEFEV-UHFFFAOYSA-N
Formula:	C16H22Cl2O4Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)c1ccccc1C(=O)OCC(Cl)Cl
Mol. weight [g/mol]:	377.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.43		Crippen Method
logp	4.809		Crippen Method
rinpol	2184.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373641&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/64-374-6/tert-Butyldimethylsilyl-2-2-dichloroethyl-phthalate.pdf>

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