Phenyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, phenyl trimethylsilyl ester
Inchi:	InChI=1S/C17H18O4Si/c1-22(2,3)21-17(19)15-12-8-7-11-14(15)16(18)20-13-9-5-4-6-10-
InchiKey:	MIGMVHOLLNUGEX-UHFFFAOYSA-N
Formula:	C17H18O4Si
SMILES:	C[Si](C)(C)OC(=O)c1ccccc1C(=O)Oc1ccccc1
Mol. weight [g/mol]:	314.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	3.897		Crippen Method
rinpol	2126.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373810&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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