tert-Butyldimethylsilyl 2-methoxyethyl phthalate

Other names: 1,2-Benzenedicarboxylic acid, 2-methoxyethyl, tert-butyldimethylsilyl ester
Inchi: InChI=1S/C17H26O5Si/c1-17(2,3)23(5,6)22-16(19)14-10-8-7-9-13(14)15(18)21-12-11-20
InchiKey: XGUJVHMAWYFTTO-UHFFFAOYSA-N
Formula: C17H26O5Si
SMILES: COCCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 338.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.02		Crippen Method
logp	3.652		Crippen Method
rinpol	2083.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373505&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