tert-Butyldimethylsilyl pentan-2-yl phthalate

Other names: 1,2-Benzenedicarboxylic acid, pentan-2-yl tert-butyldimethylsilyl ester
Inchi: InChI=1S/C19H30O4Si/c1-8-11-14(2)22-17(20)15-12-9-10-13-16(15)18(21)23-24(6,7)19
InchiKey: ULWQXKUUWRTVLH-UHFFFAOYSA-N
Formula: C19H30O4Si
SMILES: CCCC(C)OC(=O)c1ccccc1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 350.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.89		Crippen Method
logp	5.194		Crippen Method
rinpol	2079.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373616&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