

tert-Butyldimethylsilyl 2-(2-methoxyethoxy)ethyl phthalate

Other names: 1,2-Benzenedicarboxylic acid, 2-(2-methoxyethoxy)ethyl tert-butyldimethylsilyl ester
Inchi: InChI=1S/C19H30O6Si/c1-19(2,3)26(5,6)25-18(21)16-10-8-7-9-15(16)17(20)24-14-13-23
InchiKey: LLDGLMXOFJGHRA-UHFFFAOYSA-N
Formula: C19H30O6Si
SMILES: COCCOCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C(C)C
Mol. weight [g/mol]: 382.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	3.668		Crippen Method
rinpol	2356.00		NIST Webbook
rinpol	2356.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373513&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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<https://www.chemeo.com/cid/30-700-0/tert-Butyldimethylsilyl-2-2-methoxyethoxy-ethyl-phthalate.pdf>

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