

2-Ethylhexyl trimethylsilyl phthalate

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.53		Crippen Method
logp	5.051		Crippen Method
rinpol	2129.00		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=U373696&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/21-117-8/2-Ethylhexyl-trimethylsilyl-phthalate.pdf>

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