

Heptadecyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, heptadecyl trimethylsilyl ester
Inchi:	InChI=1S/C28H48O4Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-21-24-31-27(29)25-22
InchiKey:	NFVACPMRNSPGIN-UHFFFAOYSA-N
Formula:	C28H48O4Si
SMILES:	CCCCCCCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	476.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.54		Crippen Method
logp	8.707		Crippen Method
rinpol	3124.00		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=U373704&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/29-396-1/Heptadecyl-trimethylsilyl-phthalate.pdf>

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