

Tetradecyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, tetradecyl trimethylsilyl ester
Inchi:	InChI=1S/C25H42O4Si/c1-5-6-7-8-9-10-11-12-13-14-15-18-21-28-24(26)22-19-16-17-20
InchiKey:	VYBZOSMKJSVDNF-UHFFFAOYSA-N
Formula:	C25H42O4Si
SMILES:	CCCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	434.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.29		Crippen Method
logp	7.536		Crippen Method
rinpol	2826.00		NIST Webbook
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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=U373516&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/83-899-3/Tetradecyl-trimethylsilyl-phthalate.pdf>

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