

Dodecyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, dodecyl trimethylsilyl ester
Inchi:	InChI=1S/C23H38O4Si/c1-5-6-7-8-9-10-11-12-13-16-19-26-22(24)20-17-14-15-18-21(20)
InchiKey:	SPKNVVKDSILZEX-UHFFFAOYSA-N
Formula:	C23H38O4Si
SMILES:	CCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	406.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.45		Crippen Method
logp	6.756		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373703&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/99-204-6/Dodecyl-trimethylsilyl-phthalate.pdf>

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