

Cyclohexyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, cyclohexyl trimethylsilyl ester
Inchi:	InChI=1S/C17H24O4Si/c1-22(2,3)21-17(19)15-12-8-7-11-14(15)16(18)20-13-9-5-4-6-10-
InchiKey:	VAYGBFOLOUESCU-UHFFFAOYSA-N
Formula:	C17H24O4Si
SMILES:	C[Si](C)(C)OC(=O)c1cccc1C(=O)OC1CCCCC1
Mol. weight [g/mol]:	320.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.94		Crippen Method
logp	4.168		Crippen Method
rinsol	2112.00		NIST Webbook
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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=U373808&Units=SI

Legend

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

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<https://www.cheméo.com/cid/11-480-6/Cyclohexyl-trimethylsilyl-phthalate.pdf>

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