

10-Chlorodecyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, 10-chlorodecyl trimethylsilyl ester
Inchi:	InChI=1S/C21H33ClO4Si/c1-27(2,3)26-21(24)19-15-11-10-14-18(19)20(23)25-17-13-9-7
InchiKey:	AQWHKPMBCBDWKE-UHFFFAOYSA-N
Formula:	C ₂₁ H ₃₃ ClO ₄ Si
SMILES:	C[Si](C)(C)OC(=O)c1ccccc1C(=O)OCCCCCCCCCCC
Mol. weight [g/mol]:	413.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	6.195		Crippen Method
rinpol	2727.00		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=U373644&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/38-759-8/10-Chlorodecyl-trimethylsilyl-phthalate.pdf>

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