

Benzyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, benzyl trimethylsilyl ester
Inchi:	InChI=1S/C18H20O4Si/c1-23(2,3)22-18(20)16-12-8-7-11-15(16)17(19)21-13-14-9-5-4-6-
InchiKey:	CVUDHWWOPVNZED-UHFFFAOYSA-N
Formula:	C18H20O4Si
SMILES:	<chem>C[Si](C)(C)OC(=O)c1ccccc1C(=O)OCc1ccccc1</chem>
Mol. weight [g/mol]:	328.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	4.035		Crippen Method
rinpola	2226.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373698&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/16-233-5/Benzyl-trimethylsilyl-phthalate.pdf>

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