

Decan-2-yl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, decan-2-yl trimethylsilyl ester
Inchi:	InChI=1S/C21H34O4Si/c1-6-7-8-9-10-11-14-17(2)24-20(22)18-15-12-13-16-19(18)21(23)
InchiKey:	ZCVVHTPGJZNYBB-UHFFFAOYSA-N
Formula:	C21H34O4Si
SMILES:	CCCCCCCCC(C)OC(=O)c1ccccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	378.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.72		Crippen Method
logp	5.974		Crippen Method
rinpol	2324.00		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=U373612&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/67-980-0/Decan-2-yl-trimethylsilyl-phthalate.pdf>

Generated by Cheméo on 2024-05-15 01:32:27.433290752 +0000 UTC m=+18025996.353868067.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.