

Tridecyl trimethylsilyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, tridecyl trimethylsilyl ester
Inchi:	InChI=1S/C24H40O4Si/c1-5-6-7-8-9-10-11-12-13-14-17-20-27-23(25)21-18-15-16-19-22
InchiKey:	IKDIBBMRQYVKQI-UHFFFAOYSA-N
Formula:	C24H40O4Si
SMILES:	CCCCCCCCCCCCCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	420.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.87		Crippen Method
logp	7.146		Crippen Method
rinsol	2720.00		NIST Webbook
rinsol	2720.00		NIST Webbook

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=U373515&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/62-240-6/Tridecyl-trimethylsilyl-phthalate.pdf>

Generated by Cheméo on 2024-05-03 01:08:26.877338802 +0000 UTC m=+16987755.797916117.

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