

tert-Butyldimethylsilyl propyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, propyl tert-butyldimethylsilyl ester
Inchi:	InChI=1S/C17H26O4Si/c1-7-12-20-15(18)13-10-8-9-11-14(13)16(19)21-22(5,6)17(2,3)4/
InchiKey:	COFQNAJTYXPRKS-UHFFFAOYSA-N
Formula:	C17H26O4Si
SMILES:	CCCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	322.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.94		Crippen Method
logp	4.415		Crippen Method
rincpol	1965.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373615&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/44-164-1/tert-Butyldimethylsilyl-propyl-phthalate.pdf>

Generated by Cheméo on 2024-07-18 11:29:44.133174148 +0000 UTC m=+528399.329144510.

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