

tert-Butyldimethylsilyl tetradecyl phthalate

Other names:	1,2-Benzenedicarboxylic acid, tetradecyl tert-butyldimethylsilylester
Inchi:	InChI=1S/C28H48O4Si/c1-7-8-9-10-11-12-13-14-15-16-17-20-23-31-26(29)24-21-18-19-
InchiKey:	MNNBAKRFDCJTIZ-UHFFFAOYSA-N
Formula:	C28H48O4Si
SMILES:	CCCCCCCCCCCCCOC(=O)c1cccc1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	476.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.54		Crippen Method
logp	8.707		Crippen Method
rinpol	3162.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373518&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/31-932-2/tert-Butyldimethylsilyl-tetradecyl-phthalate.pdf>

Generated by Cheméo on 2024-05-03 01:05:28.161322405 +0000 UTC m=+16987577.081899716.

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