3,5-Di-tert-butyl-4-hydroxybenzoic acid, trimethylsilyl ester

Other names:	3,5-Di-tert-butyl-4-hydroxybenzoic acid, tms derivative
Inchi:	InChI=1S/C18H30O3Si/c1-17(2,3)13-10-12(16(20)21-22(7,8)9)11-14(15(13)19)18(4,5)6/l
InchiKey:	BJZSPZOYHFAVJV-UHFFFAOYSA-N
Formula:	C18H30O3Si
SMILES:	CC(C)(C)c1cc(C(=O)O[Si](C)(C)C)cc(C(C)(C)C)c1O
Mol. weight [g/mol]:	322.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.78		Crippen Method
logp	4.979		Crippen Method
rinpol	1925.50		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352486&Units=SI

Legend

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

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