

Propyl 3,4,5-Tris(tert-butyldimethylsilyloxy)benzoate

Other names:	Benzoic acid, 3,4,5-tris(tert-butyldimethylsilyloxy)-, propyl ester Propyl gallate, tris(tert-butyldimethylsilyl) ether
Inchi:	InChI=1S/C28H54O5Si3/c1-17-18-30-25(29)21-19-22(31-34(11,12)26(2,3)4)24(33-36(15
InchiKey:	ZIWFBRWAUNTIBM-UHFFFAOYSA-N
Formula:	C28H54O5Si3
SMILES:	CCCOC(=O)c1cc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	554.98

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.34		Crippen Method
logp	9.405		Crippen Method
rinpol	2682.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373298&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/64-744-5/Propyl-3-4-5-Tris-tert-butyldimethylsilyloxy-benzoate.pdf>

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