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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices