Benzoic acid, 3,4,5-tris[(trimethylsilyl)oxy]-, propyl ester

Other names: Propyl gallate, tris(trimethylsilyl) ester
Propyl 3,4,5-tris(trimethylsilyloxy)benzoate
Inchi: InChI=1S/C19H36O5Si3/c1-11-12-21-19(20)15-13-16(22-25(2,3)4)18(24-27(8,9)10)17(14
InchiKey: WFUMVAGDQRGOTN-UHFFFAOYSA-N
Formula: C19H36O5Si3
SMILES: CCCOC(=O)c1cc(O[Si](C)(C)C)c(O[Si](C)(C)C)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 428.74
CAS: 77160-55-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.42		Crippen Method
logp	5.895		Crippen Method
rinpol	2050.00		NIST Webbook
rinpol	2050.00		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=C77160555&Units=SI

Legend

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

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