Benzene, 1,2,3-tris[(trimethylsilyl)oxy]-

Other names:	Silane, [1,2,3-benzenetriyltris(oxy)]tris[trimethyl- 1,2,3-Tris(trimethylsiloxy)benzene Silane, (o-phenenyltrioxy)tris[trimethyl- (2,6-Bis[(trimethylsilyl)oxy]phenoxy)(trimethyl)silane 1,2,3-Trihydroxybenzene, triTMS ether Pyrogallol, TMS 1,2,3-Benzenetriol, tris-trimethylsilyl ether Pyrogallol, 3tms derivative
Inchi:	InChI=1S/C15H30O3Si3/c1-19(2,3)16-13-11-10-12-14(17-20(4,5)6)15(13)18-21(7,8)9/h1
InchiKey:	ICAGNSJTZLGSDJ-UHFFFAOYSA-N
Formula:	C15H30O3Si3
SMILES:	C[Si](C)(C)Oc1cccc(O[Si](C)(C)C)c1O[Si](C)(C)C
Mol. weight [g/mol]:	342.65
CAS:	17864-23-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.50		Crippen Method
logp	5.328		Crippen Method
rinpol	1556.00		NIST Webbook
rinpol	1561.00		NIST Webbook
rinpol	1562.00		NIST Webbook
rinpol	1555.00		NIST Webbook
rinpol	1555.00		NIST Webbook
rinpol	1557.00		NIST Webbook
rinpol	1537.00		NIST Webbook
rinpol	1560.00		NIST Webbook
rinpol	1562.00		NIST Webbook
rinpol	1557.00		NIST Webbook
rinpol	1564.00		NIST Webbook
rinpol	1548.00		NIST Webbook
rinpol	1559.00		NIST Webbook
rinpol	1560.00		NIST Webbook
rinpol	1557.00		NIST Webbook
rinpol	1564.00		NIST Webbook
rinpol	1559.00		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=C17864232&Units=SI

Legend

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