Phenyltris(trimethylsiloxy)silane

Other names:	1,1,5,5,5-hexamethyl-3-phenyl-3-[(trimethylsilyl)oxy]trisiloxane
Inchi:	InChI=1S/C15H32O3Si4/c1-19(2,3)16-22(17-20(4,5)6,18-21(7,8)9)15-13-11-10-12-14-15
InchiKey:	LINXHFKHZLOLEI-UHFFFAOYSA-N
Formula:	C15H32O3Si4
SMILES:	C[Si](C)(C)O[Si](O[Si](C)(C)C)(O[Si](C)(C)C)c1ccccc1
Mol. weight [g/mol]:	372.75
CAS:	2116-84-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	4.387		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2116849&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

Latest version available from:

https://www.chemeo.com/cid/43-731-2/Phenyltris-trimethylsiloxy-silane.pdf

Generated by Cheméo on 2024-10-12 04:50:27.382173255 +0000 UTC m=+3289490.019142503.

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