Phosphine, tris[4-(trimethylsilyl)phenyl]-

Other names:	Phosphine, tris[p-(trimethylsilyl)phenyl]-
Inchi:	InChI=1S/C27H39PSi3/c1-29(2,3)25-16-10-22(11-17-25)28(23-12-18-26(19-13-23)30(4,5
InchiKey:	JBGZDPADFXLUTA-UHFFFAOYSA-N
Formula:	C27H39PSi3
SMILES:	C[Si](C)(C)c1ccc(P(c2ccc([Si](C)(C)C)cc2)c2ccc([Si](C)(C)C)cc2)cc1
Mol. weight [g/mol]:	478.83
CAS:	18848-96-9

Physical Properties

Property code	Value	Unit	Source
ie	7.67	eV	NIST Webbook
log10ws	-21.69		Crippen Method
logp	5.080		Crippen Method

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=C18848969&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:
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