Silane, tetrakis(triphenylsiloxy)-

Inchi:	InChI=1S/C72H60O4Si5/c1-13-37-61(38-14-1)77(62-39-15-2-16-40-62,63-41-17-3-18-42
InchiKey:	NAAZPDFYSSSVCN-UHFFFAOYSA-N
Formula:	C72H60O4Si5
SMILES:	c1ccc([Si](O[Si](O[Si](c2ccccc2)(c2ccccc2)c2ccccc2)(O[Si](c2ccccc2)(c2ccccc2)c2ccccc2
Mol. weight [g/mol]:	1129.67
CAS:	6231-36-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-55.29		Crippen Method
logp	8.157		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6231363&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

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