

Silane, methoxytriphenyl-

Other names:	Triphenylmethoxysilane methoxytriphenylsilane
Inchi:	InChI=1S/C19H18OSi/c1-20-21(17-11-5-2-6-12-17,18-13-7-3-8-14-18)19-15-9-4-10-16-1
InchiKey:	BKXVGDZNSIUAI-UHFFFAOYSA-N
Formula:	C19H18OSi
SMILES:	CO[Si](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	290.43
CAS:	1829-41-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.16		Crippen Method
logp	2.300		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1829410&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/24-850-1/Silane-methoxytriphenyl.pdf>

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