

Silane, methyltriphenyl-

Other names:	Methyltriphenylsilane
Inchi:	InChI=1S/C19H18Si/c1-20(17-11-5-2-6-12-17,18-13-7-3-8-14-18)19-15-9-4-10-16-19/h2-
InchiKey:	GIGVICQLYWGMGW-UHFFFAOYSA-N
Formula:	C19H18Si
SMILES:	C[Si](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	274.43
CAS:	791-29-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.49		Crippen Method
logp	2.787		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C791297&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/39-050-3/Silane-methyltriphenyl.pdf>

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