

Silane,1H-inden-1-yltrimethyl-

Inchi:	InChI=1S/C12H16Si/c1-13(2,3)12-9-8-10-6-4-5-7-11(10)12/h4-9,12H,1-3H3
InchiKey:	DAVVYCRMXFZQG-UHFFFAOYSA-N
Formula:	C12H16Si
SMILES:	C[Si](C)(C)C1C=Cc2ccccc21
Mol. weight [g/mol]:	188.34
CAS:	18053-75-3

Physical Properties

Property code	Value	Unit	Source
ie	7.65 ± 0.01	eV	NIST Webbook
log10ws	-1.35		Crippen Method
logp	3.674		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18053753&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/11-534-6/Silane-1H-inden-1-yltrimethyl.pdf>

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