

1H-1-Silaindene, 2,3-dihydro-1,1-dimethyl-

Other names:	1-Silaindan, 1,1-dimethyl-
Inchi:	InChI=1S/C10H14Si/c1-11(2)8-7-9-5-3-4-6-10(9)11/h3-6H,7-8H2,1-2H3
InchiKey:	MNIXUONHKSJMFL-UHFFFAOYSA-N
Formula:	C10H14Si
SMILES:	C[Si]1(C)CCc2ccccc21
Mol. weight [g/mol]:	162.30
CAS:	17158-48-4

Physical Properties

Property code	Value	Unit	Source
ie	8.54	eV	NIST Webbook
log10ws	-4.42		Crippen Method
logp	2.158		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17158484&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/76-320-2/1H-1-Silaindene-2-3-dihydro-1-1-dimethyl.pdf>

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