9,9-Dimethyl-9-silafluorene

Other names:	5H-Dibenzosilole, 5,5-dimethyl-
Inchi:	InChI=1S/C14H14Si/c1-15(2)13-9-5-3-7-11(13)12-8-4-6-10-14(12)15/h3-10H,1-2H3
InchiKey:	YJQFTKVGILQPMC-UHFFFAOYSA-N
Formula:	C14H14Si
SMILES:	C[Si]1(C)c2ccccc2-c2ccccc21
Mol. weight [g/mol]:	210.35
CAS:	13688-68-1

Physical Properties

Property code	Value	Unit	Source
ie	7.40	eV	NIST Webbook
ie	7.90	eV	NIST Webbook
log10ws	-10.16		Crippen Method
logp	2.490		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13688681&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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