

Disilane, hexaethyl-

Inchi:	InChI=1S/C12H30Si2/c1-7-13(8-2,9-3)14(10-4,11-5)12-6/h7-12H2,1-6H3
InchiKey:	XEJUFRSVJVTIFW-UHFFFAOYSA-N
Formula:	C12H30Si2
SMILES:	CC[Si](CC)(CC)[Si](CC)(CC)CC
Mol. weight [g/mol]:	230.54
CAS:	1633-09-6

Physical Properties

Property code	Value	Unit	Source
ie	8.39	eV	NIST Webbook
log10ws	0.04		Crippen Method
logp	5.082		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1633096&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/85-560-6/Disilane-hexaethyl.pdf>

Generated by Cheméo on 2025-12-05 23:41:01.366971608 +0000 UTC m=+4726258.897012263.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.