

Disilane, pentamethyl-

Other names:	Pentamethyldisilane (CH ₃) ₃ SiSiH(CH ₃) ₂
Inchi:	InChI=1S/C5H16Si2/c1-6(2)7(3,4)5/h6H,1-5H3
InchiKey:	FHQ RQPAFALORSL-UHFFFAOYSA-N
Formula:	C ₅ H ₁₆ Si ₂
SMILES:	C[SiH](C)[Si](C)(C)C
Mol. weight [g/mol]:	132.35
CAS:	812-15-7

Physical Properties

Property code	Value	Unit	Source
log10ws	3.19		Crippen Method
logp	1.890		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C812157&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/20-101-6/Disilane-pentamethyl.pdf>

Generated by Cheméo on 2025-12-05 16:29:07.106345471 +0000 UTC m=+4700344.636386125.

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