

Digermane, hexamethyl-

Other names:	Hexamethyldigermane
Inchi:	InChI=1S/C6H18Ge2/c1-7(2,3)8(4,5)6/h1-6H3
InchiKey:	HLEHOFVKHRHBQI-UHFFFAOYSA-N
Formula:	C6H18Ge2
SMILES:	C[Ge](C)(C)[Ge](C)(C)C
Mol. weight [g/mol]:	235.49
CAS:	993-52-2

Physical Properties

Property code	Value	Unit	Source
ie	8.59	eV	NIST Webbook
ie	8.60 ± 0.05	eV	NIST Webbook
ie	8.09	eV	NIST Webbook
ie	8.10	eV	NIST Webbook
ie	8.18 ± 0.11	eV	NIST Webbook
ie	8.60	eV	NIST Webbook
log10ws	2.55		Crippen Method
logp	2.741		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C993522&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

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/29-029-8/Digermane-hexamethyl.pdf>

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