

Germylene

Inchi:	InChI=1S/GeH2/h1H2
InchiKey:	MWRNXFLKMOVJUFL-UHFFFAOYSA-N
Formula:	GeH2
SMILES:	[GeH2]
Mol. weight [g/mol]:	74.66
CAS:	24968-55-6

Physical Properties

Property code	Value	Unit	Source
ea	1.10 ± 0.00	eV	NIST Webbook
ie	9.25	eV	NIST Webbook
log10ws	3.08		Crippen Method
logp	-0.916		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24968556&Units=SI

Legend

ea:	Electron affinity
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/19-918-2/Germylene.pdf>

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