

Trigermanium monocarbide

Inchi:	InChI=1S/CGe3/c1-2-4-3-1
InchiKey:	FPQVRBYTZAQVBE-UHFFFAOYSA-N
Formula:	CGe3
SMILES:	C1=[Ge]=[Ge]=[Ge]=1
Mol. weight [g/mol]:	229.93
CAS:	61349-30-2

Physical Properties

Property code	Value	Unit	Source
ie	8.60 ± 0.30	eV	NIST Webbook
log10ws	7.25		Crippen Method
logp	-1.421		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C61349302&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/54-434-0/Trigermanium-monocarbide.pdf>

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