

Germane, trimethyl(methylthio)-

Inchi:	InChI=1S/C4H12GeS/c1-5(2,3)6-4/h1-4H3
InchiKey:	UZJIGHONTVSFPT-UHFFFAOYSA-N
Formula:	C4H12GeS
SMILES:	CS[Ge](C)(C)C
Mol. weight [g/mol]:	164.84
CAS:	3860-84-2

Physical Properties

Property code	Value	Unit	Source
ie	8.50 ± 0.05	eV	NIST Webbook
log10ws	0.57		Crippen Method
logp	2.184		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3860842&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/69-294-0/Germane-trimethyl-methylthio.pdf>

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