

Methoxytrimethylgermanium

Other names:	Trimethylmethoxygermane
Inchi:	InChI=1S/C4H12GeO/c1-5(2,3)6-4/h1-4H3
InchiKey:	QUCRSCRQNPDCX-UHFFFAOYSA-N
Formula:	C4H12GeO
SMILES:	CO[Ge](C)(C)C
Mol. weight [g/mol]:	148.78
CAS:	6163-67-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.37		Crippen Method
logp	1.468		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	32.40	kJ/mol	304.00	NIST Webbook

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=C6163673&Units=SI

Legend

hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

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