

Germane, ethyl-

Inchi:	InChI=1S/C2H8Ge/c1-2-3/h2H2,1,3H3
InchiKey:	SHRMMCOTNQGWJS-UHFFFAOYSA-N
Formula:	C2H8Ge
SMILES:	CC[GeH3]
Mol. weight [g/mol]:	104.72
CAS:	1747-99-5

Physical Properties

Property code	Value	Unit	Source
ie	10.40	eV	NIST Webbook
log10ws	2.53		Crippen Method
logp	-0.210		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1747995&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/20-472-5/Germane-ethyl.pdf>

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