

Germane, (trifluoromethyl)-

Inchi:	InChI=1S/CH3F3Ge/c2-1(3,4)5/h5H3
InchiKey:	OEAJFGSBCBRGPA-UHFFFAOYSA-N
Formula:	CH3F3Ge
SMILES:	FC(F)(F)[GeH3]
Mol. weight [g/mol]:	144.67
CAS:	85906-84-9

Physical Properties

Property code	Value	Unit	Source
ie	11.00	eV	NIST Webbook
ie	12.10	eV	NIST Webbook
log10ws	2.20		Crippen Method
logp	-0.128		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C85906849&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/16-637-7/Germane-trifluoromethyl.pdf>

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