

Germane, bis(trifluoromethyl)-

Inchi:	InChI=1S/C2H2F6Ge/c3-1(4,5)9-2(6,7)8/h9H2
InchiKey:	QDJAZFSCWFPLDW-UHFFFAOYSA-N
Formula:	C2H2F6Ge
SMILES:	FC(F)(F)[GeH2]C(F)(F)F
Mol. weight [g/mol]:	212.67
CAS:	66348-15-0

Physical Properties

Property code	Value	Unit	Source
ie	11.40	eV	NIST Webbook
ie	12.40	eV	NIST Webbook
log10ws	0.81		Crippen Method
logp	1.195		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C66348150&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/81-191-0/Germane-bis-trifluoromethyl.pdf>

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