

Triethylgermanium bromide

Other names:	Germanium triethyl bromide Germane, bromotriethyl- Bromotriethylgermane Triethylbromogermane
Inchi:	InChI=1S/C6H15BrGe/c1-4-8(7,5-2)6-3/h4-6H2,1-3H3
InchiKey:	BXPPRJFGNCDPFT-UHFFFAOYSA-N
Formula:	C6H15BrGe
SMILES:	CC[Ge](Br)(CC)CC
Mol. weight [g/mol]:	239.73
CAS:	1067-10-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.82		Crippen Method
logp	3.386		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	48.30	kJ/mol	383.00	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=C1067103&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/73-008-2/Triethylgermanium-bromide.pdf>

Generated by Cheméo on 2024-04-20 02:38:39.173231126 +0000 UTC m=+15869968.093808441.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.