

Germane, bromotriphenyl-

Other names:	Triphenylgermanium bromide
Inchi:	InChI=1S/C18H15BrGe/c19-20(16-10-4-1-5-11-16,17-12-6-2-7-13-17)18-14-8-3-9-15-18
InchiKey:	RBXJUAXJPPYIMY-UHFFFAOYSA-N
Formula:	C18H15BrGe
SMILES:	Br[Ge](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	383.86
CAS:	3005-32-1

Physical Properties

Property code	Value	Unit	Source
ie	9.17 ± 0.05	eV	NIST Webbook
log10ws	-15.09		Crippen Method
logp	3.048		Crippen Method

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=C3005321&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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<https://www.chemeo.com/cid/73-795-9/Germane-bromotriphenyl.pdf>

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