

Chlorotriphenylgermane

Other names:	Triphenylgermanium chloride Germanium triphenyl chloride Triphenylchlorogermane Germane, chlorotriphenyl- Triphenylgermyl chloride
Inchi:	InChI=1S/C18H15ClGe/c19-20(16-10-4-1-5-11-16,17-12-6-2-7-13-17)18-14-8-3-9-15-18/
InchiKey:	ONQMBYVVEVFYRP-UHFFFAOYSA-N
Formula:	C18H15ClGe
SMILES:	Cl[Ge](c1ccccc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	339.40
CAS:	1626-24-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.81		Crippen Method
logp	2.892		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1626240&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/78-258-0/Chlorotriphenylgermane.pdf>

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