

Chlorobis(trifluomethyl)arsine

Inchi:	InChI=1S/C2AsClF6/c4-3(1(5,6)7)2(8,9)10
InchiKey:	IPCCWPDCSYLYMS-UHFFFAOYSA-N
Formula:	C2AsClF6
SMILES:	FC(F)(F)[As](Cl)C(F)(F)F
Mol. weight [g/mol]:	248.39
CAS:	359-53-5

Physical Properties

Property code	Value	Unit	Source
ie	11.00 ± 0.10	eV	NIST Webbook
log10ws	-0.40		Crippen Method
logp	2.420		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C359535&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/63-602-3/Chlorobis-trifluomethyl-arsine.pdf>

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