

Diarsine, tetrakis(trifluoromethyl)-

Other names:	Tetrakis(trifluoromethyl)diarsine
Inchi:	InChI=1S/C4As2F12/c7-1(8,9)5(2(10,11)12)6(3(13,14)15)4(16,17)18
InchiKey:	QQOCIHONGWKTFG-UHFFFAOYSA-N
Formula:	C4As2F12
SMILES:	FC(F)(F)[As]([As](C(F)(F)F)C(F)(F)F)C(F)(F)F
Mol. weight [g/mol]:	425.87
CAS:	360-56-5

Physical Properties

Property code	Value	Unit	Source
ie	10.39	eV	NIST Webbook
log10ws	0.32		Crippen Method
logp	3.460		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C360565&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/11-831-6/Diarsine-tetrakis-trifluoromethyl.pdf>

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