

Arsonic acid, methyl-

Other names:	Methanearsonic acid Kyselina methylarsonova MAA Methylarsonic acid Monomethylarsinic acid
Inchi:	InChI=1S/CH5AsO3/c1-2(3,4)5/h1H3,(H2,3,4,5)
InchiKey:	QYPPRTNMGCREIM-UHFFFAOYSA-N
Formula:	CH5AsO3
SMILES:	C[As](=O)(O)O
Mol. weight [g/mol]:	139.97
CAS:	124-58-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.87		Crippen Method
logp	-1.030		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C124583&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/53-824-8/Arsonic-acid-methyl.pdf>

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