

M-nitrophenylarsonic acid

Inchi:	InChI=1S/C6H6AsNO5/c9-7(10,11)5-2-1-3-6(4-5)8(12)13/h1-4H,(H2,9,10,11)
InchiKey:	MDFUVLVDZVFTYSX-UHFFFAOYSA-N
Formula:	C6H6AsNO5
SMILES:	O=[N+]([O-])c1cccc([As](=O)(O)O)c1
Mol. weight [g/mol]:	247.04
CAS:	618-07-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.70		Crippen Method
logp	-0.844		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C618075&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/77-841-3/M-nitrophenylarsonic-acid.pdf>

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