

O-arsanilic acid

Other names:	2-aminophenylarsonic acid
Inchi:	InChI=1S/C6H8AsNO3/c8-6-4-2-1-3-5(6)7(9,10)11/h1-4H,8H2,(H2,9,10,11)
InchiKey:	LQCOCUQCZYAYQK-UHFFFAOYSA-N
Formula:	C6H8AsNO3
SMILES:	<chem>Nc1ccccc1[As](=O)(O)O</chem>
Mol. weight [g/mol]:	217.05
CAS:	2045-00-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.68		Crippen Method
logp	-1.170		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2045003&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/17-937-3/O-arsanilic-acid.pdf>

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