

Arsenic monoxide

Inchi:	InChI=1S/AsO/c1-2
InchiKey:	GPSSQIRGCXEBSH-UHFFFAOYSA-N
Formula:	AsO
SMILES:	O=[As]
Mol. weight [g/mol]:	90.92
CAS:	12005-99-1

Physical Properties

Property code	Value	Unit	Source
ie	9.00 ± 0.30	eV	NIST Webbook
ie	8.80 ± 0.30	eV	NIST Webbook
log10ws	-1.87		Crippen Method
logp	-0.500		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C12005991&Units=SI

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/71-292-9/Arsenic-monoxide.pdf>

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