

# Arsine,dimethylphenyl-

<b>Other names:</b>	Dimethylphenylarsine
<b>Inchi:</b>	InChI=1S/C8H11As/c1-9(2)8-6-4-3-5-7-8/h3-7H,1-2H3
<b>InchiKey:</b>	KZTHCQYZOHMORT-UHFFFAOYSA-N
<b>Formula:</b>	C8H11As
<b>SMILES:</b>	C[As](C)c1ccccc1
<b>Mol. weight [g/mol]:</b>	182.09
<b>CAS:</b>	696-26-4

## Physical Properties

Property code	Value	Unit	Source
ie	8.67	eV	NIST Webbook
log10ws	-3.76		Crippen Method
logp	1.648		Crippen Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C696264&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C696264&amp;Units=SI</a>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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<https://www.chemeo.com/cid/30-060-1/Arsine-dimethylphenyl.pdf>

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