

Arsanilic acid

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| Inchi: | InChI=1S/C6H8AsNO3/c8-6-3-1-5(2-4-6)7(9,10)11/h1-4H,8H2,(H2,9,10,11) |
| InchiKey: | XKNKHVGVJDPJIRJ-UHFFFAOYSA-N |
| Formula: | C6H8AsNO3 |
| SMILES: | [NH3+]c1ccc([As](=O)([O-])O)cc1 |
| Mol. weight [g/mol]: | 217.05 |
| CAS: | 98-50-0 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|------|----------------|
| log10ws | -6.19 | | Crippen Method |
| logp | -2.511 | | Crippen Method |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C98500&Units=SI |

Legend

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

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<https://www.cheméo.com/cid/42-205-7/Arsanilic-acid.pdf>

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