

P-(p-dimethylaminophenylazo)benzene arsonic acid

Other names:	4-(4-dimethylaminophenylazo)phenylarsonic acid
Inchi:	InChI=1S/C14H16AsN3O3/c1-18(2)14-9-7-13(8-10-14)17-16-12-5-3-11(4-6-12)15(19,20)
InchiKey:	VESQGSDAHXGDIU-WUKNDPDISA-N
Formula:	C14H16AsN3O3
SMILES:	CN(C)c1ccc(N=Nc2ccc([As](=O)(O)O)cc2)cc1
Mol. weight [g/mol]:	349.22
CAS:	622-68-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.00		Crippen Method
logp	1.729		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C622684&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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