

# Acridine, 9-methyl-

<b>Other names:</b>	9-Methylacridine 5-Methylacridine 9-Methylakridin 9-Methylacridin
<b>Inchi:</b>	InChI=1S/C14H11N/c1-10-11-6-2-4-8-13(11)15-14-9-5-3-7-12(10)14/h2-9H,1H3
<b>InchiKey:</b>	FLDRLXJNISEWNZ-UHFFFAOYSA-N
<b>Formula:</b>	C14H11N
<b>SMILES:</b>	Cc1c2ccccc2nc2ccccc12
<b>Mol. weight [g/mol]:</b>	193.24
<b>CAS:</b>	611-64-3

## Physical Properties

Property code	Value	Unit	Source
ie	7.68	eV	NIST Webbook
log10ws	-5.32		Crippen Method
logp	3.696		Crippen Method
mcvol	155.420	ml/mol	McGowan Method
rinpol	331.15		NIST Webbook
rinpol	331.15		NIST Webbook
tf	388.00 ± 3.00	K	NIST Webbook

## 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>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C611643&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C611643&amp;Units=SI</a>

## Legend

**ie:** Ionization energy

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpol:</b>	Non-polar retention indices
<b>tf:</b>	Normal melting (fusion) point

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