Acridine, 9-methyl-

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

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C611643&Units=SI

Legend

ie:	Ionization energy

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

Latest version available from:

https://www.chemeo.com/cid/22-793-7/Acridine-9-methyl.pdf

Generated by Cheméo on 2024-10-12 02:23:28.494664969 +0000 UTC m=+3280671.131634217.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.