

Acridine, 9-stryl-, (E)-

Inchi:	InChI=1S/C21H15N/c1-2-8-16(9-3-1)14-15-17-18-10-4-6-12-20(18)22-21-13-7-5-11-19(1
InchiKey:	QDHGVUVFSCAOBM-CCEZHUSRSA-N
Formula:	C21H15N
SMILES:	C(=Cc1c2ccccc2nc2ccccc12)c1ccccc1
Mol. weight [g/mol]:	281.35
CAS:	22344-19-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.45		Crippen Method
logp	5.558		Crippen Method
mcvol	225.990	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C22344190&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/53-643-9/Acridine-9-stryl-E.pdf>

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