

(Z) 9-(2[1-Naphthyl]ethenyl)acridine

Inchi:	InChI=1S/C25H17N/c1-2-11-20-18(8-1)9-7-10-19(20)16-17-21-22-12-3-5-14-24(22)26-25
InchiKey:	UAHNCBXJWNCMMA-MSUUIHNZSA-N
Formula:	C25H17N
SMILES:	<chem>C(=Cc1c2ccccc2nc2ccccc12)c1cccc2ccccc12</chem>
Mol. weight [g/mol]:	331.41
CAS:	134591-96-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.26		Crippen Method
logp	6.712		Crippen Method
mcvol	262.890	ml/mol	McGowan Method

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=C134591961&Units=SI

Legend

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

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