

2-Cyclohexylamino-5-nitropyridine

Other names:	Pyridine, 2-(cyclohexylamino)-5-nitro-
Inchi:	InChI=1S/C11H15N3O2/c15-14(16)10-6-7-11(12-8-10)13-9-4-2-1-3-5-9/h6-9H,1-5H2,(H,
InchiKey:	OGOQAAXBFKYJBE-UHFFFAOYSA-N
Formula:	C11H15N3O2
SMILES:	O=[N+]([O-])c1ccc(NC2CCCCC2)nc1
Mol. weight [g/mol]:	221.26
CAS:	25948-14-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.00		Crippen Method
logp	2.734		Crippen Method
mcvol	168.610	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=C25948145&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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