

1H-Indole-3-acetamide

Other names:	Indole-3-acetamide 1-Indole-3-acetamide 3-Indoleacetamide
Inchi:	InChI=1S/C10H10N2O/c11-10(13)5-7-6-12-9-4-2-1-3-8(7)9/h1-4,6,12H,5H2,(H2,11,13)
InchiKey:	ZOAMBXDOGPRZLP-UHFFFAOYSA-N
Formula:	C10H10N2O
SMILES:	<chem>N=C(O)Cc1c[nH]c2ccccc12</chem>
Mol. weight [g/mol]:	174.20
CAS:	879-37-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	1.764		Crippen Method
mcvol	134.370	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C879378&Units=SI
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

Legend

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

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