

1H-Indole-3-acetic acid, hydrazide

Other names:	Indole-3-acetic acid, hydrazide 3-Indolylacetic acid hydrazide Indole-3-acethydrazide Hydrazine, 1-(3-indolylacetyl)- 1-(3-Indolylacetyl)hydrazine 3-indoleacetic acid hydrazide
Inchi:	InChI=1S/C10H11N3O/c11-13-10(14)5-7-6-12-9-4-2-1-3-8(7)9/h1-4,6,12H,5,11H2,(H,13,
InchiKey:	GYHLCXMCGCVVCG-UHFFFAOYSA-N
Formula:	C10H11N3O
SMILES:	<chem>NNC(=O)Cc1c[nH]c2ccccc12</chem>
Mol. weight [g/mol]:	189.21
CAS:	5448-47-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	0.218		Crippen Method
mcvol	144.350	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=C5448475&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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