

2-Iodo-3-hydroxypyridine

Other names:	2-Iodo-3-hydroxypyridine 3-Pyridinol, 2-iodo- Pyridine, 2-iodo-3-hydroxy- 2-iodopyridin-3-ol
Inchi:	InChI=1S/C5H4INO/c6-5-4(8)2-1-3-7-5/h1-3,8H
InchiKey:	HJBGMPCMSWJZNH-UHFFFAOYSA-N
Formula:	C5H4INO
SMILES:	Oc1cccnc1I
Mol. weight [g/mol]:	221.00

Physical Properties

Property code	Value	Unit	Source
hf	69.66	kJ/mol	Cheméo Relay (1.0)
ie	8.68	eV	Cheméo Relay (1.0)
log10ws	-1.02		Cheméo Relay (1.0)
logp	1.392		Crippen Method
mcvol	99.220	ml/mol	McGowan Method
tf	340.48	K	Cheméo Relay (1.0)

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C40263578&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

hf: Enthalpy of formation at standard conditions

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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