3-Pyridinecarboxylic acid, hydrazide

Other names:	3-Pyridinecarboxylic acid, hydrazide
	Nicotinic hydrazide
	Nicotinoyl hydrazide
	Nicotinoyl hydrazine
	Nicotinylhydrazide
	NSC 36088
	WS 102
	3-Pyridoyl Hydrazine
	3-Pyridylcarbonylhydrazine
	Hydrazine, nicotinoyl-
	3-Pyridinecarboxylic hydrazide
	Niazid
	Nicotinohydrazide
	Nicotinylhydrazine
	NSC 18775
Inchi:	InChI=1S/C6H7N3O/c7-9-6(10)5-2-1-3-8-4-5/h1-4H,7H2,(H,9,10)
InchiKey:	KFUSANSHCADHNJ-UHFFFAOYSA-N
Formula:	C6H7N3O
SMILES:	NNC(=O)c1cccnc1
Mol. weight [g/mol]:	137.14

Physical Properties

Property code	Value	Unit	Source
hf	49.40	kJ/mol	Cheméo Relay (1.0)
hvap	77.21	kJ/mol	Cheméo Relay (1.0)
ie	9.45	eV	Cheméo Relay (1.0)
log10ws	-0.20		Cheméo Relay (1.0)
logp	-0.315		Crippen Method
mcvol	103.150	ml/mol	McGowan Method
ripol	2575.00		NIST Webbook
tb	570.22	K	Cheméo Relay (1.0)
tf	404.15	K	Cheméo Relay (1.0)

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C553537&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point