

2-AMINO-6-CHLOROISONICOTINIC ACID HYDRAZIDE

Other names:	2-Amino-6-chloroisonicotinic acid hydrazide
Inchi:	InChI=1S/C6H7ClN4O/c7-4-1-3(6(12)11-9)2-5(8)10-4/h1-2H,9H2,(H2,8,10)(H,11,12)
InchiKey:	OAOMXEJFYBPNEX-UHFFFAOYSA-N
Formula:	C6H7ClN4O
SMILES:	<chem>NNC(=O)c1cc(N)nc(Cl)c1</chem>
Mol. weight [g/mol]:	186.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Cheméo Relay (1.0)
logp	-0.079		Crippen Method
mcvol	125.370	ml/mol	McGowan Method
tf	485.45	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=C28056066&Units=SI
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
tf:	Normal melting (fusion) point

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