Quinolinimide

Other names:	pyridine-2,3-dicarboximide
	2,3-Pyridinedicarboximide
Inchi:	InChI=1S/C7H4N2O2/c10-6-4-2-1-3-8-5(4)7(11)9-6/h1-3H,(H,9,10,11)
InchiKey:	ZRKGTINFVOLLNT-UHFFFAOYSA-N
Formula:	C7H4N2O2
SMILES:	O=C1NC(=O)c2ncccc21
Mol. weight [g/mol]:	148.12
CAS:	4664-00-0

Physical Properties

Property code	Value	Unit	Source
ie	10.00 ± 0.10	eV	NIST Webbook
log10ws	-1.79		Crippen Method
logp	-0.035		Crippen Method
mcvol	97.970	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4664000&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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