1-Hydroxypyrrolidine-2,5-dione

Other names:	N-Hydroxysuccinimide
	Succinimide, N-hydroxy-
	Hydroxysuccinimide
	1-Hydroxysuccinimide
	1-Hydroxy-2,5-pyrrolidinedione
	N-Hydroxylsuccinimide
Inchi:	InChI=1S/C4H5NO3/c6-3-1-2-4(7)5(3)8/h8H,1-2H2
InchiKey:	NQTADLQHYWFPDB-UHFFFAOYSA-N
Formula:	C4H5NO3
SMILES:	O=C1CCC(=O)N1O
Mol. weight [g/mol]:	115.09

Physical Properties

Property code	Value	Unit	Source
hf	-391.55	kJ/mol	Cheméo Relay (1.0)
ie	10.30	eV	Cheméo Relay (1.0)
logp	-0.475		Crippen Method
mcvol	75.350	ml/mol	McGowan Method
tf	447.87	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6066826&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
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):	

Legend

hf:	Enthalpy of formation at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point