

N-Methyloxazole, 2,5-dione

Other names:	N-Methyloxazole, 2,5-dione
Inchi:	InChI=1S/C4H5NO3/c1-5-2-3(6)8-4(5)7/h2H2,1H3
InchiKey:	PMPAXURTFMSZSN-UHFFFAOYSA-N
Formula:	C4H5NO3
SMILES:	CN1CC(=O)OC1=O
Mol. weight [g/mol]:	115.09

Physical Properties

Property code	Value	Unit	Source
chs	-1688.20 ± 2.90	kJ/mol	NIST Webbook
hfs	-600.40 ± 2.90	kJ/mol	NIST Webbook
logp	-0.405		Crippen Method
mcvol	75.350	ml/mol	McGowan Method

Sources

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):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5840766&Units=SI

Legend

chs:	Standard solid enthalpy of combustion
hfs:	Solid phase enthalpy of formation at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/98-338-9/N-Methyloxazole-2-5-dione.pdf>

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