2-CARBAMOYL-3-METHYLQUINOXALINE

Other names: 3-methyl-2-quinoxalinecarboxamide
Inchi: InChI=1S/C10H9N3O/c1-6-9(10(11)14)13-8-5-3-2-4-7(8)12-6/h2-5H,1H3,(H2,11,14)
InchiKey: HIXVRVHZNVQVJS-UHFFFAOYSA-N
Formula: C10H9N3O
SMILES: Cc1nc2ccccc2nc1C(N)=O
Mol. weight [g/mol]: 187.20

Physical Properties

Property code	Value	Unit	Source
hf	5.13	kJ/mol	Cheméo Relay (1.0)
logp	1.037		Crippen Method
mcvol	140.050	ml/mol	McGowan Method

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=C17357925&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf: Enthalpy of formation at standard conditions
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.