

2H-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one

Inchi: InChI=1S/C7H6N2O2/c10-6-4-11-5-2-1-3-8-7(5)9-6/h1-3H,4H2,(H,8,9,10)
InchiKey: ANHQLUBMNSSPBV-UHFFFAOYSA-N
Formula: C7H6N2O2
SMILES: O=C1COc2cccnc2N1
Mol. weight [g/mol]: 150.13
CAS: 20348-09-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.04		Crippen Method
logp	0.412		Crippen Method
mcvol	102.270	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C20348098&Units=SI>

Legend

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

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