

piperazine-1,4-dicarbaldehyde

Inchi:	InChI=1S/C6H10N2O2/c9-5-7-1-2-8(6-10)4-3-7/h5-6H,1-4H2
InchiKey:	CBLGQEBXWDKYDI-UHFFFAOYSA-N
Formula:	C6H10N2O2
SMILES:	O=CN1CCN(C=O)CC1
Mol. weight [g/mol]:	142.16
CAS:	4164-39-0

Physical Properties

Property code	Value	Unit	Source
log10ws	1.08		Crippen Method
logp	-1.083		Crippen Method
mcvol	107.640	ml/mol	McGowan Method

Sources

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=C4164390&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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