

11H-Pyrido[2,1-b]quinazolin-11-one, 6,7,8,9-tetrahydro

Other names:	Pyrido[2,1-b]quinazolin-11-one, 6,7,8,9-tetrahydro
Inchi:	InChI=1S/C12H12N2O/c15-12-9-5-1-2-6-10(9)13-11-7-3-4-8-14(11)12/h1-2,5-6H,3-4,7-8
InchiKey:	LMDWOGWJYVSXEP-UHFFFAOYSA-N
Formula:	C12H12N2O
SMILES:	O=c1c2ccccc2nc2n1CCCC2
Mol. weight [g/mol]:	200.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.42		Crippen Method
logp	1.733		Crippen Method
mcvol	151.690	ml/mol	McGowan Method
rinpol	2064.00		NIST Webbook
rinpol	2058.00		NIST Webbook

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=R64144&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/46-049-7/11H-Pyrido-2-1-b-quinazolin-11-one-6-7-8-9-tetrahydro.pdf>

Generated by Cheméo on 2025-12-05 21:19:11.868967835 +0000 UTC m=+4717749.399008507.

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