

p-Toluic acid, morpholide

Other names:	p-Toluylic acid, morpholide
Inchi:	InChI=1S/C12H15NO2/c1-10-2-4-11(5-3-10)12(14)13-6-8-15-9-7-13/h2-5H,6-9H2,1H3
InchiKey:	AUJPGGARDMBNMW-UHFFFAOYSA-N
Formula:	C12H15NO2
SMILES:	<chem>Cc1ccc(C(=O)N2CCOCC2)cc1</chem>
Mol. weight [g/mol]:	205.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.91		Crippen Method
logp	1.467		Crippen Method
mcvol	162.740	ml/mol	McGowan Method
rinsol	1776.00		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=U306954&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinsol:	Non-polar retention indices

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<https://www.chemeo.com/cid/49-025-0/p-Toluic-acid-morpholide.pdf>

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