

2-p-Tolylpyridine

Other names:	Pyridine, 2-(4-methylphenyl)- 2-(4-Methylphenyl)pyridine
Inchi:	InChI=1S/C12H11N/c1-10-5-7-11(8-6-10)12-4-2-3-9-13-12/h2-9H,1H3
InchiKey:	KJNZQKYSNAQLEO-UHFFFAOYSA-N
Formula:	C12H11N
SMILES:	Cc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]:	169.22
CAS:	4467-06-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.32		Crippen Method
logp	3.057		Crippen Method
mcvol	142.400	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	448.20	K	2.70	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=C4467065&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
tbrp:	Boiling point at reduced pressure

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