

6-methyl-2-pentylpyridine

Other names:	Pyridine, 2-pentyl-6-methyl
Inchi:	InChI=1S/C11H17N/c1-3-4-5-8-11-9-6-7-10(2)12-11/h6-7,9H,3-5,8H2,1-2H3
InchiKey:	RTIQJSTXWLILMG-UHFFFAOYSA-N
Formula:	C11H17N
SMILES:	CCCCCc1cccc(C)n1
Mol. weight [g/mol]:	163.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.77		Crippen Method
logp	3.123		Crippen Method
mcvol	152.070	ml/mol	McGowan Method
rinpol	1249.00		NIST Webbook
rinpol	1221.00		NIST Webbook
rinpol	1221.00		NIST Webbook
rinpol	1249.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U365952&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

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.cheméo.com/cid/72-271-1/6-methyl-2-pentylpyridine.pdf>

Generated by Cheméo on 2025-12-05 23:24:46.529573908 +0000 UTC m=+4725284.059614577.

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