

Pyridine, 4-pentyl-

Other names:	1-(4-Pyridyl)pentane 4-n-Pentylpyridine 4-Amylpyridine 4-Pentylpyridine
Inchi:	InChI=1S/C10H15N/c1-2-3-4-5-10-6-8-11-9-7-10/h6-9H,2-5H2,1H3
InchiKey:	ABJVUPUJUGBUMM-UHFFFAOYSA-N
Formula:	C10H15N
SMILES:	CCCCC1ccncc1
Mol. weight [g/mol]:	149.23
CAS:	2961-50-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.30		Crippen Method
logp	2.814		Crippen Method
mcvol	137.980	ml/mol	McGowan Method
rinpol	1233.00		NIST Webbook
rinpol	1265.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C2961504&Units=SI

Legend

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

rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/21-700-0/Pyridine-4-pentyl.pdf>

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