

Pyridine, 2-(3-methylbutyl)-

Other names:	2-isopentylpyridine
Inchi:	InChI=1S/C10H15N/c1-9(2)6-7-10-5-3-4-8-11-10/h3-5,8-9H,6-7H2,1-2H3
InchiKey:	UHDOWIRKQWDHEC-UHFFFAOYSA-N
Formula:	C10H15N
SMILES:	CC(C)CCc1ccccn1
Mol. weight [g/mol]:	149.23
CAS:	6973-66-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.05		Crippen Method
logp	2.670		Crippen Method
mcvol	137.980	ml/mol	McGowan Method
rinpol	1255.00		NIST Webbook
rinpol	1255.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6973666&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

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<https://www.chemeo.com/cid/67-906-2/Pyridine-2-3-methylbutyl.pdf>

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