

2-Methyl-5-butylpyridine

Other names:	5-Butyl-2-methylpyridine Pyridine, 5-butyl-2-methyl-
Inchi:	InChI=1S/C10H15N/c1-3-4-5-10-7-6-9(2)11-8-10/h6-8H,3-5H2,1-2H3
InchiKey:	GSYSNSTWMPZEQK-UHFFFAOYSA-N
Formula:	C10H15N
SMILES:	CCCCc1ccc(C)nc1
Mol. weight [g/mol]:	149.23
CAS:	702-16-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	2.733		Crippen Method
mcvol	137.980	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	378.70	K	2.70	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C702169&Units=SI
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

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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