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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