

2-Pyridinecarboxylic acid, 5-butyl-

Other names:	Picolinic acid, 5-butyl- Fusaric acid 5-n-Butylpyridine-2-carboxylic acid 5-Butylpicolinic acid 5-Butyl-2-pyridinecarboxylic acid Fusarinic acid 5-butylpyridine-3-carboxylic acid
Inchi:	InChI=1S/C10H13NO2/c1-2-3-4-8-5-6-9(10(12)13)11-7-8/h5-7H,2-4H2,1H3,(H,12,13)
InchiKey:	DGMPVYSXXIOGJY-UHFFFAOYSA-N
Formula:	C10H13NO2
SMILES:	CCCCc1ccc(C(=O)O)nc1
Mol. weight [g/mol]:	179.22
CAS:	536-69-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.94		Crippen Method
logp	2.122		Crippen Method
mcvol	145.420	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C536696&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/94-395-0/2-Pyridinecarboxylic-acid-5-butyl.pdf>

Generated by Cheméo on 2025-12-23 16:22:07.167607585 +0000 UTC m=+6255124.697648254.

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