

3,5-dibutyl-2-pentyl-pyridine

Other names: 2-pentyl-3,5-dibutylpyridine
Inchi: InChI=1S/C18H31N/c1-4-7-10-13-18-17(12-9-6-3)14-16(15-19-18)11-8-5-2/h14-15H,4-13H
InchiKey: QZKIFXRIRJFASX-UHFFFAOYSA-N
Formula: C18H31N
SMILES: CCCCCc1ncc(CCCC)cc1CCCC
Mol. weight [g/mol]: 261.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.58		Crippen Method
logp	5.499		Crippen Method
mcvol	250.700	ml/mol	McGowan Method
rinpol	1919.00		NIST Webbook
rinpol	1918.00		NIST Webbook
rinpol	1919.00		NIST Webbook

Sources

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=R268069&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/15-024-8/3-5-dibutyl-2-pentyl-pyridine.pdf>

Generated by Cheméo on 2025-12-05 08:13:44.755725285 +0000 UTC m=+4670622.285765942.

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