

2,5-Dimethyl-3-(1-methylpropyl)pyrazine

Other names:	Pyrazine, 2,5-dimethyl-3-(1-methylpropyl)- 3-(1-Methylpropyl)-2,5-dimethylpyrazine 3-Sec-butyl-2,5-dimethylpyrazine
Inchi:	InChI=1S/C10H16N2/c1-5-7(2)10-9(4)11-6-8(3)12-10/h6-7H,5H2,1-4H3
InchiKey:	ZARYAQKANXUQPM-UHFFFAOYSA-N
Formula:	C10H16N2
SMILES:	CCC(C)c1nc(C)cnc1C
Mol. weight [g/mol]:	164.25
CAS:	70303-41-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.56		Crippen Method
logp	2.607		Crippen Method
mcvol	147.960	ml/mol	McGowan Method
rinpol	1187.00		NIST Webbook
rinpol	1187.00		NIST Webbook
ripol	1527.00		NIST Webbook
ripol	1527.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C70303412&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
ripol: Polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/86-079-0/2-5-Dimethyl-3-1-methylpropyl-pyrazine.pdf>

Generated by Cheméo on 2025-12-05 11:16:33.92764863 +0000 UTC m=+4681591.457689295.

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