

3-Methyl-2-methoxy-5-(2-methylbutyl)pyrazine

Other names:	Pyrazine, 2-methoxy-3-methyl-5-(2-methylbutyl)
Inchi:	InChI=1S/C11H18N2O/c1-5-8(2)6-10-7-12-11(14-4)9(3)13-10/h7-8H,5-6H2,1-4H3
InchiKey:	SMSDNXXXQGQISN-UHFFFAOYSA-N
Formula:	C11H18N2O
SMILES:	CCC(C)Cc1cnc(OC)c(C)n1
Mol. weight [g/mol]:	194.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.42		Crippen Method
logp	2.382		Crippen Method
mcvol	167.920	ml/mol	McGowan Method
rinpol	1362.00		NIST Webbook
rinpol	1362.00		NIST Webbook
ripol	1664.00		NIST Webbook
ripol	1664.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R38505&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

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