

2,6-DIMETHYL-3(2-METHYL-1-BUTYL)PYRAZINE

Other names:	2,6-Dimethyl-3-(2-methylbutyl)pyrazine
Inchi:	InChI=1S/C11H18N2/c1-5-8(2)6-11-10(4)13-9(3)7-12-11/h7-8H,5-6H2,1-4H3
InchiKey:	QCYKDMGIICAOSJ-UHFFFAOYSA-N
Formula:	C11H18N2
SMILES:	CCC(C)Cc1ncc(C)nc1C
Mol. weight [g/mol]:	178.28

Physical Properties

Property code	Value	Unit	Source
hf	-22.91	kJ/mol	Cheméo Relay (1.0)
hvap	63.95	kJ/mol	Cheméo Relay (1.0)
logp	2.682		Crippen Method
mcvol	162.050	ml/mol	McGowan Method
rinpol	1307.00		NIST Webbook
rinpol	1318.00		NIST Webbook
rinpol	1307.00		NIST Webbook
tb	501.87	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C56617700&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

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