

Pyrazine, 2-ethyl-3-methyl-

Other names:	2-Ethyl-3-methylpyrazine 2-Methyl-3-ethylpyrazine Pyrazine, 3-ethyl-2-methyl
Inchi:	InChI=1S/C7H10N2/c1-3-7-6(2)8-4-5-9-7/h4-5H,3H2,1-2H3
InchiKey:	LNIMMWYNSBZESE-UHFFFAOYSA-N
Formula:	C7H10N2
SMILES:	CCc1nccnc1C
Mol. weight [g/mol]:	122.17
CAS:	15707-23-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	1.347		Crippen Method
mcvol	105.690	ml/mol	McGowan Method
rinpol	999.00		NIST Webbook
rinpol	987.00		NIST Webbook
rinpol	1033.00		NIST Webbook
rinpol	1001.00		NIST Webbook
rinpol	1001.00		NIST Webbook
rinpol	995.00		NIST Webbook
rinpol	972.00		NIST Webbook
rinpol	984.00		NIST Webbook
rinpol	981.00		NIST Webbook
rinpol	978.00		NIST Webbook
rinpol	977.00		NIST Webbook
rinpol	977.00		NIST Webbook
rinpol	990.00		NIST Webbook
rinpol	981.00		NIST Webbook
rinpol	964.00		NIST Webbook
rinpol	990.00		NIST Webbook
rinpol	985.00		NIST Webbook
rinpol	989.00		NIST Webbook
rinpol	1003.00		NIST Webbook
rinpol	1003.00		NIST Webbook
rinpol	1004.00		NIST Webbook
rinpol	1005.00		NIST Webbook

rinpol	1003.00	NIST Webbook
rinpol	1015.00	NIST Webbook
rinpol	1005.00	NIST Webbook
rinpol	977.00	NIST Webbook
rinpol	985.00	NIST Webbook
rinpol	985.00	NIST Webbook
rinpol	1001.00	NIST Webbook
rinpol	1016.00	NIST Webbook
rinpol	1014.00	NIST Webbook
rinpol	990.00	NIST Webbook
rinpol	982.00	NIST Webbook
rinpol	968.00	NIST Webbook
rinpol	983.00	NIST Webbook
rinpol	1014.00	NIST Webbook
rinpol	985.00	NIST Webbook
rinpol	1015.00	NIST Webbook
rinpol	983.00	NIST Webbook
rinpol	1016.00	NIST Webbook
rinpol	999.00	NIST Webbook
rinpol	999.00	NIST Webbook
rinpol	1008.00	NIST Webbook
rinpol	1002.00	NIST Webbook
rinpol	981.00	NIST Webbook
ripol	1406.00	NIST Webbook
ripol	1387.00	NIST Webbook
ripol	1362.00	NIST Webbook
ripol	1381.00	NIST Webbook
ripol	1410.00	NIST Webbook
ripol	1417.00	NIST Webbook
ripol	1410.00	NIST Webbook
ripol	1407.00	NIST Webbook
ripol	1411.00	NIST Webbook
ripol	1419.00	NIST Webbook
ripol	1406.00	NIST Webbook
ripol	1408.00	NIST Webbook
ripol	1399.00	NIST Webbook
ripol	1387.00	NIST Webbook
ripol	1393.00	NIST Webbook
ripol	1410.00	NIST Webbook
ripol	1392.00	NIST Webbook
ripol	1400.00	NIST Webbook
ripol	1367.00	NIST Webbook
ripol	1403.00	NIST Webbook
ripol	1402.00	NIST Webbook

ripol	1422.00	NIST Webbook
ripol	1434.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1432.00	NIST Webbook
ripol	1417.00	NIST Webbook
ripol	1410.00	NIST Webbook
ripol	1418.00	NIST Webbook
ripol	1397.00	NIST Webbook
ripol	1391.00	NIST Webbook
ripol	1418.00	NIST Webbook
ripol	1383.00	NIST Webbook
ripol	1424.00	NIST Webbook
ripol	1363.00	NIST Webbook
ripol	1399.00	NIST Webbook
ripol	1397.00	NIST Webbook
ripol	1410.00	NIST Webbook
ripol	1411.00	NIST Webbook
ripol	1407.00	NIST Webbook
ripol	1407.00	NIST Webbook
ripol	1407.00	NIST Webbook
ripol	1402.00	NIST Webbook
ripol	1403.00	NIST Webbook
ripol	1403.00	NIST Webbook
ripol	1373.00	NIST Webbook
ripol	1390.00	NIST Webbook
ripol	1414.00	NIST Webbook
ripol	1414.00	NIST Webbook
ripol	1400.00	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	330.20	K	1.30	NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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=C15707230&Units=SI>

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
tbrp: Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/23-498-4/Pyrazine-2-ethyl-3-methyl.pdf>

Generated by Cheméo on 2024-04-17 02:21:54.044548718 +0000 UTC m=+15609762.965126039.

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