1-BUTANAMINE, 3-METHYL-N-(3-METHYLBUTYLIDENE)-

Other names: 3-Methyl-N-(3-methylbutylidene)-1-butanamine
3-Methyl-N-(3'-methylbutylidene)butanamine
3-Methyl-N-(3-methylbutylidene)-butanamine
Butanamine, 3-methyl-N-(3-methylbutylidene)
N-Isopentylidene isopentylamine
3-methyl-N-(3-methylbutyl)butan-1-imine

Inchi: InChI=1S/C10H21N/c1-9(2)5-7-11-8-6-10(3)4/h7,9-10H,5-6,8H2,1-4H3

InchiKey: WYNULUURQZBBSK-UHFFFAOYSA-N

Formula: C10H21N

SMILES: CC(C)CC=NCCC(C)C

Mol. weight [g/mol]: 155.29

Physical Properties

Property code	Value	Unit	Source
logp	3.149		Crippen Method
mcvol	157.440	ml/mol	McGowan Method
rinpol	1033.00		NIST Webbook
rinpol	1047.00		NIST Webbook
rinpol	1032.00		NIST Webbook
rinpol	1033.00		NIST Webbook
rinpol	1033.00		NIST Webbook
rinpol	1034.00		NIST Webbook
rinpol	1033.00		NIST Webbook
ripol	1164.00		NIST Webbook
ripol	1167.00		NIST Webbook
ripol	1164.00		NIST Webbook
ripol	1130.00		NIST Webbook

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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=C35448318&Units=SI

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices