1-Butanamine, 2-methyl-n-(2-methylbutylidene)-

Other names: N-(2-Methylbutylidene)-2-methylbutylamine
2-Methyl-N-(2-methylbutylidene)-1-butanamine
2-Methyl-N-(2'-methylbutylidene)butanamine
Butanamine, 2-methyl-N-(2-methylbutylidene)

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

InchiKey: XHGDBHQTAMAGRU-UHFFFAOYSA-N

Formula: C10H21N

SMILES: CCC(C)C=NCC(C)CC

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	1025.00		NIST Webbook
rinpol	1025.00		NIST Webbook
rinpol	1026.00		NIST Webbook
rinpol	1025.00		NIST Webbook
ripol	1128.00		NIST Webbook
ripol	1130.00		NIST Webbook
ripol	1128.00		NIST Webbook

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C54518977&Units=SI

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

Legend

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