

1,3,3-Trimethyldiaziridine

Other names:	1,3,3-Trimethyldiaziridine
Inchi:	InChI=1S/C4H10N2/c1-4(2)5-6(4)3/h5H,1-3H3
InchiKey:	CVCBOJBQZVFLHO-UHFFFAOYSA-N
Formula:	C4H10N2
SMILES:	CN1NC1(C)C
Mol. weight [g/mol]:	86.14

Physical Properties

Property code	Value	Unit	Source
ie	9.20	eV	NIST Webbook
ie	9.20	eV	NIST Webbook
logp	0.172		Crippen Method
mcvol	76.320	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C40711157&Units=SI>

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):

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/28-015-4/1-3-3-Trimethyldiaziridine.pdf>

Generated by Cheméo on 2026-07-21 20:56:48.440250935 +0000 UTC m=+178504.282136364.

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