

1-BUTYLPYRROLIDINE

Other names:	N-bButyl-tetrahydropyrrole N-butyl-Tetrahydropyrrole Pyrrolidine, 1-butyl- n-Butylpyrrolidine
Inchi:	InChI=1S/C8H17N/c1-2-3-6-9-7-4-5-8-9/h2-8H2,1H3
InchiKey:	JSHASCFKOSDFHY-UHFFFAOYSA-N
Formula:	C8H17N
SMILES:	CCCCN1CCCC1
Mol. weight [g/mol]:	127.23

Physical Properties

Property code	Value	Unit	Source
hvap	45.06	kJ/mol	Cheméo Relay (1.0)
logp	1.882		Crippen Method
mcvol	122.700	ml/mol	McGowan Method
tb	422.50	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C767102&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

hvap:	Enthalpy of vaporization at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

tb: Normal Boiling Point Temperature

Latest version available from:

<https://www.cheméo.com/cid/51-852-9/1-BUTYLPYRROLIDINE.pdf>

Generated by Cheméo on 2026-07-21 05:18:35.466094189 +0000 UTC m=+122211.307979613.

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