

N-[(2-Aminoethyl)2-aminoethyl]piperazine

Other names:	N-[(2-Aminoethyl)2-aminoethyl]piperazine
Inchi:	InChI=1S/C8H20N4/c9-1-2-10-3-6-12-7-4-11-5-8-12/h10-11H,1-9H2
InchiKey:	WBIWIXJUBVWKLS-UHFFFAOYSA-N
Formula:	C8H20N4
SMILES:	NCCNCCN1CCNCC1
Mol. weight [g/mol]:	172.28

Physical Properties

Property code	Value	Unit	Source
hvap	82.95	kJ/mol	Cheméo Relay (1.0)
logp	-1.560		Crippen Method
mcvol	152.640	ml/mol	McGowan Method
pc	2445.29	kPa	Cheméo Relay (1.0, beta)
tb	564.30	K	Cheméo Relay (1.0)
tc	778.71	K	Cheméo Relay (1.0)
tf	263.81	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C24028464&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

Legend

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

pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point

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