N-(.beta.-Hydroxyethyl)hexamethyleneimine

Other names:	2-(n-Hexamethyleneimino)ethanol
	N-(«beta»-Hydroxyethyl)hexamethyleneimine
	1H-Azepine-1-ethanol, hexahydro-
	Hexahydro-1H-azepine-1-ethanol
	N-(2-Hydroxyethyl)hexamethyleneimine
	2-(1-azoniacyclohept-1-yl)ethanol
	2-(azepan-1-yl)ethanol
Inchi:	InChI=1S/C8H17NO/c10-8-7-9-5-3-1-2-4-6-9/h10H,1-8H2
InchiKey:	VMRYMOMQCYSPHS-UHFFFAOYSA-N
Formula:	C8H17NO
SMILES:	OCCN1CCCCCC1
Mol. weight [g/mol]:	143.23

Physical Properties

Property code	Value	Unit	Source
hvap	67.52	kJ/mol	Cheméo Relay (1.0)
logp	0.855		Crippen Method
mcvol	128.570	ml/mol	McGowan Method
tb	498.60	K	Cheméo Relay (1.0)
tf	293.33	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20603003&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
tf:	Normal melting (fusion) point