1-Aziridineethanol

Other names:	Ethanol, 2-(1-aziridinyl)-
	N-(«beta»-Hydroxyethyl)aziridine
	N-(2-Hydroxyethyl)aziridine
	N-(2-Hydroxyethyl)ethyleneimine
	N-(2-Hydroxyethyl)ethylenimine
	1-(2-Hydroxyethyl)ethylenimine
	1-Azirdineethanol
	(«beta»-Hydroxy-1-ethyl)aziridine
	(2-Hydroxy-1-ethyl)aziridine
	N-(Hydroxyethyl)ethyleneimine
	2-(1-Aziridinyl)ethanol
	2-(Aziridin-1-yl)ethanol
	NSC 50209
	1-(2-Hydroxylethyl)aziridine
	2-(azidin-1-yl)ethanol
Inchi:	InChI=1S/C4H9NO/c6-4-3-5-1-2-5/h6H,1-4H2
InchiKey:	VYONOYYDEFODAJ-UHFFFAOYSA-N
Formula:	C4H9NO
SMILES:	OCCN1CC1
Mol. weight [g/mol]:	87.12
CAS:	1072-52-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.77		Crippen Method
logp	-0.706		Crippen Method
mcvol	72.210	ml/mol	McGowan Method
ripol	1353.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1072522&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ripol:	Polar retention indices