VILOXAZINE

Other names:	Morpholine, 2-[(2-ethoxyphenoxy)methyl]-
	2-((2-Ethoxyphenoxy)methyl)morpholine
	2-(2-Ethoxyphenoxymethyl)tetrahydro-1,4-oxazine
	ICI-58834
	Viloxazin
	2-[(o-Ethoxyphenoxy)methyl]morpholine
Inchi:	InChI=1S/C13H19NO3/c1-2-15-12-5-3-4-6-13(12)17-10-11-9-14-7-8-16-11/h3-6,11,14H,2
InchiKey:	YWPHCCPCQOJSGZ-UHFFFAOYSA-N
Formula:	C13H19NO3
SMILES:	CCOc1ccccc1OCC1CNCCO1
Mol. weight [g/mol]:	237.30

Physical Properties

Property code	Value	Unit	Source
hfus	34.86	kJ/mol	Joback Method
ie	8.02	eV	Cheméo Relay (1.0)
logp	1.453		Crippen Method
mcvol	187.000	ml/mol	McGowan Method
rinpol	1860.00		NIST Webbook
rinpol	1860.00		NIST Webbook
tb	620.66	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	520.50	J/mol×K	668.39	Joback Method
cpg	539.29	J/mol×K	706.80	Joback Method
cpg	556.82	J/mol×K	745.22	Joback Method
cpg	573.09	J/mol×K	783.63	Joback Method
cpg	588.10	J/mol×K	822.05	Joback Method
cpg	601.86	J/mol×K	860.46	Joback Method
cpg	614.36	J/mol×K	898.88	Joback Method

Sources

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):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C46817918&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature