Carbonic acid, monoamide, N-2-ethylhexyl-, menthyl ester

Inchi: InChI=1S/C19H37NO2/c1-6-8-9-16(7-2)13-20-19(21)22-18-12-15(5)10-11-17(18)14(3)4/h

InchiKey: FFVIWLBXDNYBLD-UHFFFAOYSA-N

Formula: C19H37NO2

SMILES: CCCCC(CC)CN=C(O)OC1CC(C)CCC1C(C)C

Mol. weight [g/mol]: 311.50

Physical Properties

Property code	Value	Unit	Source
hf	-644.43	kJ/mol	Joback Method
hvap	79.41	kJ/mol	Joback Method
log10ws	-5.38		Crippen Method
logp	5.594		Crippen Method
mcvol	285.130	ml/mol	McGowan Method
pc	1179.28	kPa	Joback Method
rinpol	2209.00		NIST Webbook
tb	834.61	K	Joback Method
tc	1032.03	K	Joback Method

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U415200&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf: Enthalpy of formation at standard conditions

hvap: Enthalpy of vaporization at standard conditions

log10ws: Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature