Pentafluoropropionic acid, morpholide

Inchi: InChI=1S/C7H8F5NO2/c8-6(9,7(10,11)12)5(14)13-1-3-15-4-2-13/h1-4H2
InchiKey: MCMFICISKZFNCY-UHFFFAOYSA-N
Formula: C7H8F5NO2
SMILES: O=C(N1CCOCC1)C(F)(F)C(F)(F)F
Mol. weight [g/mol]: 233.14

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	1.043		Crippen Method
mcvol	124.900	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307328&Units=SI

Legend

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