3-Furoic acid, anhydride with pentafluoropropionic acid

Inchi: InChI=1S/C8H3F5O4/c9-7(10,8(11,12)13)6(15)17-5(14)4-1-2-16-3-4/h1-3H
InchiKey: UIPLNGPSOSAYCC-UHFFFAOYSA-N
Formula: C8H3F5O4
SMILES: O=C(OC(=O)C(F)(F)C(F)(F)F)c1ccoc1
Mol. weight [g/mol]: 258.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.04		Crippen Method
logp	2.161		Crippen Method
mcvol	127.850	ml/mol	McGowan Method
rinpol	918.00		NIST Webbook
rinpol	918.00		NIST Webbook

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=U374897&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.