2-Hydroxypyridine, heptafluorobutyrate

Inchi: InChI=1S/C9H4F7NO2/c10-7(11,8(12,13)9(14,15)16)6(18)19-5-3-1-2-4-17-5/h1-4H
InchiKey: QIWABKRESYTKJI-UHFFFAOYSA-N
Formula: C9H4F7NO2
SMILES: O=C(Oc1ccccn1)C(F)(F)C(F)(F)C(F)(F)F
Mol. weight [g/mol]: 291.12

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.68		Crippen Method
logp	2.820		Crippen Method
mcvol	143.720	ml/mol	McGowan Method
rinpol	1009.00		NIST Webbook
rinpol	1009.00		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=U375749&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.