L-Proline, N-(pentafluorobenzoyl)-, hexyl ester

Inchi: InChI=1S/C18H20F5NO3/c1-2-3-4-5-9-27-18(26)10-7-6-8-24(10)17(25)11-12(19)14(21)1
InchiKey: ZCZMJOINEKLJKJ-UHFFFAOYSA-N
Formula: C18H20F5NO3
SMILES: CCCCCCOC(=O)C1CCCN1C(=O)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 393.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.91		Crippen Method
logp	4.110		Crippen Method
mcvol	257.700	ml/mol	McGowan Method
rinpol	2186.00		NIST Webbook
rinpol	2186.00		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=U346296&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.