

Isonipectic acid, N-(2-fluoro-6-trifluoromethylbenzoyl)-, hexyl ester

InChI: InChI=1S/C20H25F4NO3/c1-2-3-4-5-13-28-19(27)14-9-11-25(12-10-14)18(26)17-15(20)
InChIKey: KDHNMZZHELHFTF-UHFFFAOYSA-N
Formula: C20H25F4NO3
SMILES: CCCCCOC(=O)C1CCN(C(=O)c2c(F)cccc2C(F)(F)F)CC1
Mol. weight [g/mol]: 403.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	4.820		Crippen Method
mcvol	284.110	ml/mol	McGowan Method
rinpole	2533.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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=U361289&Units=SI>

Legend

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

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