

Isonipectic acid, N-(2,4,5-trifluoro-3-methoxybenzoyl)-, nonyl

Inchi:
ester

InChI=1S/C23H32F3NO4/c1-3-4-5-6-7-8-9-14-31-23(29)16-10-12-27(13-11-16)22(28)17

InchiKey:

ZMHUNDDTRFXKFX-UHFFFAOYSA-N

Formula:

C23H32F3NO4

SMILES:

CCCCCCCCCOC(=O)C1CCN(C(=O)c2cc(F)c(F)c(OC)c2F)CC1

Mol. weight [g/mol]:

443.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.69		Crippen Method
logp	5.258		Crippen Method
mcvol	330.480	ml/mol	McGowan Method
rinpola	3050.00		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=U361356&Units=SI>

Legend

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

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