

Isonipecotic acid, N-(2,4,5-trifluoro-3-methoxybenzoyl)-, dodecyl

Inchi:
ester

InChI=1S/C26H38F3NO4/c1-3-4-5-6-7-8-9-10-11-12-17-34-26(32)19-13-15-30(16-14-19)

InchiKey:

CJIDVJPWDLUFSO-UHFFFAOYSA-N

Formula:

C26H38F3NO4

SMILES:

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

Mol. weight [g/mol]:

485.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.94		Crippen Method
logp	6.429		Crippen Method
mcvol	372.750	ml/mol	McGowan Method
rinpol	3356.00		NIST Webbook
rinpol	3356.00		NIST Webbook

Sources

McGowan Method:

<http://link.springer.com/article/10.1007/BF02311772>

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U361359&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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