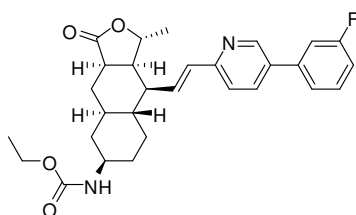




Certificate of Analysis

Axon Catalogue ID: 1755 **Batch Number:** 3
Product Name: SCH 530348
Alternative Name(s): Vorapaxar; MK 5348
IUPAC Name: Ethyl (1R,3aR,4aR,6R,8aR,9S,9aS)-9-((E)-2-(5-(3-fluorophenyl)pyridin-2-yl)vinyl)-1-methyl-3-oxododecahydronaphtho[2,3-c]furan-6-ylcarbamate

Structure:



Amount:

CAS number(s): 618385-01-6
Molecular Formula: C₂₉H₃₃FN₂O₄ **Molecular Weight:** 492.58
Batch Molecular Formula: C₂₉H₃₃FN₂O₄ **Batch Molecular Weight:** 492.58
Appearance: White solid **Observed mp:** 123 - 125 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.71, H 6.75, N 5.69; Found: C 70.95, H 7.02, N 5.81
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.3	87.9	
	EtOH			Not Tested

Remarks:

QC Date: 17-10-2018

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only