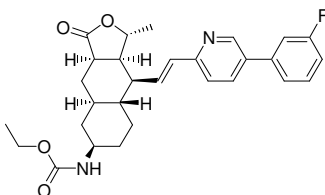




## Certificate of Analysis

**Axon Catalogue ID:** 1755 **Batch Number:** 2  
**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:** C<sub>29</sub>H<sub>33</sub>FN<sub>2</sub>O<sub>4</sub> **Molecular Weight:** 492.58  
**Batch Molecular Formula:** C<sub>29</sub>H<sub>33</sub>FN<sub>2</sub>O<sub>4</sub> **Batch Molecular Weight:** 492.58  
**Appearance:** White solid **Observed mp:** 123.5 - 126.5 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 99.1%  
**<sup>1</sup>H-NMR:** 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 ND, H ND, N ND  
**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:** 24-7-2023

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**