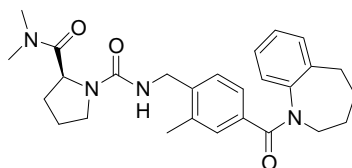


Certificate of Analysis

Axon Catalogue ID: 2146 **Batch Number:** 1
Product Name: Fedovapagon
Alternative Name(s): VA106483
IUPAC Name: (S)-N2,N2-dimethyl-N1-(2-methyl-4-(2,3,4,5-tetrahydro-1H-benzo[b]azepine-1-carbonyl)benzyl)pyrrolidine-1,2-dicarboxamide

Structure:



Amount:

CAS number: 347887-36-9
Batch Molecular Formula: C₂₇H₃₄N₄O₃·0.5H₂O **Batch MW:** 471.59
Appearance: White solid **Observed mp:** 128-130°C
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.76 , H 7.48 , N 11.88 Found: C 68.69 , H 7.55 , N 11.87
Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	46.3	>100 mM	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 9/4/2013

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