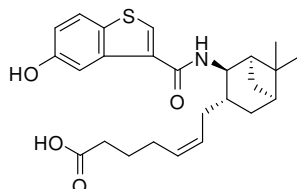




Certificate of Analysis

Axon Catalogue ID: 1605 **Batch Number:** 1
Product Name: S 5751
Alternative Name(s): N.A.
IUPAC Name: (Z)-7-((1R,2R,3S,5S)-2-(5-Hydroxybenzo[b]thiophene-3-carboxamido)-6,6-dimethylbicyclo[3.1.1]heptan-3-yl)hept-5-enoic acid

Structure:



Amount:

CAS number: 209268-36-0
Batch Molecular Formula: C₂₅H₃₁NO₄S **Batch MW:** 441.58
Appearance: White solid **Observed mp:** 142 - 143 °C
TLC (R_f): 0.36 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.00 , H 7.08 , N 3.17 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)	5.7	12.8	
	0.1N HCl (aq)			Not Tested
	DMSO	36.0	81.5	
	EtOH			Not Tested

Remarks:

QC Date: 16-11-2012

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