

Certificate of Analysis

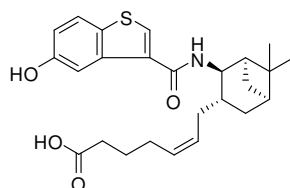
Axon Catalogue ID: 1605 **Batch Number:** 1

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(s): 209268-36-0

Molecular Formula: C₂₅H₃₁NO₄S

Molecular Weight: 441.58

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Batch Molecular Weight: 441.58

Appearance: White solid

Observed mp: 142 - 143 °C

TLC (R_f): 0.36 DCM/MeOH (9:1)

Chemical Purity: 98.3%

Optical Purity (ee): N.A.

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: 23-01-2019

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