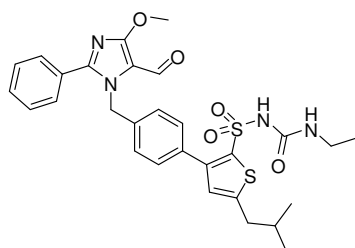


Certificate of Analysis

Axon Catalogue ID: 3386 **Batch Number:** 1
Product Name: AVE0991
Alternative Name(s): N.A.
IUPAC Name: N-(Ethylcarbamoyl)-3-(4-((5-formyl-4-methoxy-2-phenyl-1H-imidazol-1-yl)methyl)phenyl)-5-isobutylthiophene-2-sulfonamide

Structure:



Amount:

CAS number(s): 304462-19-9
Molecular Formula: C₂₉H₃₂N₄O₅S₂ **Molecular Weight:** 580.72
Batch Molecular Formula: C₂₉H₃₂N₄O₅S₂·0.6H₂O **Batch Molecular Weight:** 591.53
Appearance: White solid **Observed mp:** 198 - 199 °C
TLC (R_f): 0.75 DCM/MeOH (20:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.88, H 5.66, N 9.47; Found: C 58.54, H 5.36, N 9.87
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	59.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 21-05-2021

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