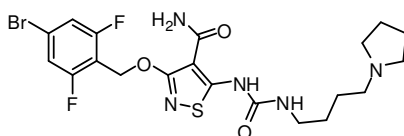




Certificate of Analysis

Axon Catalogue ID: 1662 **Batch Number:** 2
Product Name: CP 547632
Alternative Name(s): N.A.
IUPAC Name: 3-(4-Bromo-2,6-difluorobenzoyloxy)-5-(3-(4-(pyrrolidin-1-yl)butyl)ureido)isothiazole-4-carboxamide

Structure:



Amount:

CAS number(s): 252003-65-9
Molecular Formula: C₂₀H₂₄BrF₂N₅O₃S **Molecular Weight:** 532.40
Batch Molecular Formula: C₂₀H₂₄BrF₂N₅O₃S.0.5H₂O **Batch Molecular Weight:** 541.41
Appearance: White solid **Observed mp:** 173.5 - 174 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 44.37, H 4.65, N 12.94; Found: C 44.25, H 4.55, N 12.62
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	32.0	59.1	
	DMSO	42.0	77.6	
	EtOH			Not Tested

Remarks:

QC Date: 15-11-2019

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