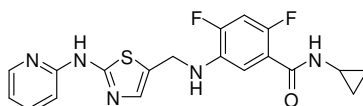




Certificate of Analysis

Axon Catalogue ID: 2837 **Batch Number:** 1
Product Name: BMS 605541
Alternative Name(s): N.A.
IUPAC Name: N-Cyclopropyl-2,4-difluoro-5-((2-(pyridin-2-ylamino)thiazol-5-yl)methylamino)benzamide

Structure:



Amount:

CAS number(s): 639858-32-5
Molecular Formula: C₁₉H₁₇F₂N₅O₅ **Molecular Weight:** 401.43
Batch Molecular Formula: C₁₉H₁₇F₂N₅O₅ **Batch Molecular Weight:** 401.43
Appearance: Off-white solid **Observed mp:** 216.5 - 218 °C (decomp)
TLC (R_f): 0.45 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 98.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.85, H 4.27, N 17.45; Found: C 56.62, H 4.36, N 17.25
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)	0.0	0.0	Insoluble
	DMSO	40.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 06-05-2019

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