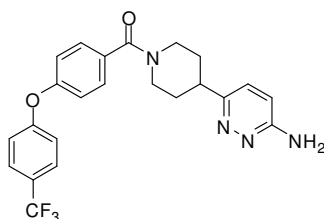




Certificate of Analysis

Axon Catalogue ID: 3036 **Batch Number:** 1
Product Name: BI 749327
Alternative Name(s): N.A.
IUPAC Name: (4-(6-Aminopyridazin-3-yl)piperidin-1-yl)(4-(4-(trifluoromethyl)phenoxy)phenyl)methanone

Structure:



Amount:

CAS number(s): 2361241-23-6
Molecular Formula: C₂₃H₂₁F₃N₄O₂ **Molecular Weight:** 442.43
Batch Molecular Formula: C₂₃H₂₁F₃N₄O₂ **Batch Molecular Weight:** 442.43
Appearance: White solid **Observed mp:** 238 - 240 °C
TLC (R_f): 0.8 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.44, H 4.78, N 12.66; Found: C 62.31, H 4.66, N 12.67
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)	10.5	23.7	* Warming (40°C) and sonication
	DMSO	14.0	31.6	
	EtOH			Not Tested

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 05-06-2020

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