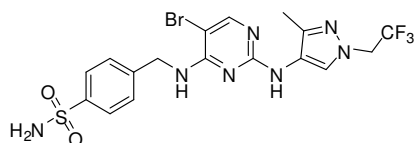




Certificate of Analysis

Axon Catalogue ID: 3007 **Batch Number:** 1
Product Name: GSK 8612
Alternative Name(s): N.A.
IUPAC Name: 4-((5-Bromo-2-(3-methyl-1-(2,2,2-trifluoroethyl)-1H-pyrazol-4-ylamino)pyrimidin-4-ylamino)methyl)benzenesulfonamide

Structure:



Amount:

CAS number(s): 2361659-62-1
Molecular Formula: C₁₇H₁₇BrF₃N₇O₂S **Molecular Weight:** 520.33
Batch Molecular Formula: C₁₇H₁₇BrF₃N₇O₂S **Batch Molecular Weight:** 520.33
Appearance: White solid **Observed mp:** 218.3 - 219.2 °C
TLC (R_f): 0.2 PE/EtOAc (1:1)
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 39.24, H 3.29, N 18.84; Found: C 39.11, H 3.37, N 18.69
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)			Not Tested
	DMSO	44.0	84.6	
	EtOH			Not Tested

Remarks:

QC Date: 05-09-2019

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