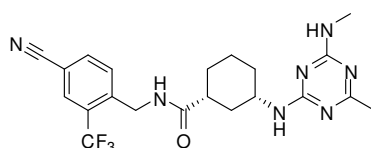




Certificate of Analysis

Axon Catalogue ID: 2220 **Batch Number:** 2
Product Name: GSK 225694A
Alternative Name(s): N.A.
IUPAC Name: (1R,3S)-N-(4-cyano-2-(trifluoromethyl)benzyl)-3-(4-methyl-6-(methylamino)-1,3,5-triazin-2-ylamino)cyclohexanecarboxamide

Structure:



Amount:

CAS number(s): 1142090-23-0
Molecular Formula: C₂₁H₂₄F₃N₇O **Molecular Weight:** 447.46
Batch Molecular Formula: C₂₁H₂₄F₃N₇O.0.6H₂O **Batch Molecular Weight:** 458.27
Appearance: White solid **Observed mp:** 175 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.6%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.04, H 5.54, N 21.40; Found: C 54.82, H 5.11, N 21.21
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)	1.8	3.9	Insoluble
	DMSO	45.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-10-2019

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