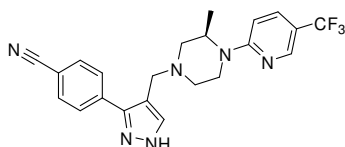




Certificate of Analysis

Axon Catalogue ID: 3434 **Batch Number:** 1
Product Name: GNF362
Alternative Name(s): N.A.
IUPAC Name: (R)-4-(4-((3-Methyl-4-(5-(trifluoromethyl)pyridin-2-yl)piperazin-1-yl)methyl)-1H-pyrazol-3-yl)benzotrile

Structure:



Amount:

CAS number(s): 1003019-41-7
Molecular Formula: C22H21F3N6 **Molecular Weight:** 426.44
Batch Molecular Formula: C22H21F3N6 **Batch Molecular Weight:** 426.44
Appearance: White solid **Observed mp:** 95.5 - 97.5 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.5%
Optical Purity (ee): 99.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.96, H 4.96, N 19.71; Found: C 61.95, H 4.90, N 19.79
Storage Conditions: Store at -20 °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	42.6	>100 mM	
	EtOH	42.6	>100 mM	

Remarks:

QC Date: 26-7-2022

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