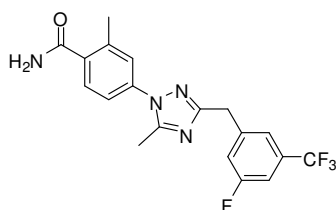




Certificate of Analysis

Axon Catalogue ID: 2962 **Batch Number:** 1
Product Name: FTBMT
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(3-Fluoro-5-(trifluoromethyl)benzyl)-5-methyl-1H-1,2,4-triazol-1-yl)-2-methylbenzamide

Structure:



Amount:

CAS number(s): 1358575-02-6
Molecular Formula: C₁₉H₁₆F₄N₄O **Molecular Weight:** 392.35
Batch Molecular Formula: C₁₉H₁₆F₄N₄O **Batch Molecular Weight:** 392.35
Appearance: White solid **Observed mp:** 181.7 - 183.2 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.16, H 4.11, N 14.28; Found: C 58.02, H 4.46, N 14.35
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)			Not Tested
	DMSO	39.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 31-01-2020

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