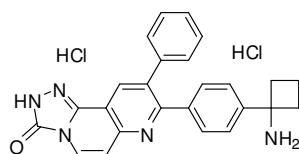




Certificate of Analysis

Axon Catalogue ID: 1684 **Batch Number:** 1
Product Name: MK 2206 dihydrochloride
Alternative Name(s): N.A.
IUPAC Name: 8-(4-(1-Aminocyclobutyl)phenyl)-9-phenyl-[1,2,4]triazolo[3,4-f][1,6]naphthyridin-3(2H)-one dihydrochloride

Structure:



Amount:

CAS number(s): 1032349-93-1 (parent), 1032350-13-2 (HCl (1:2))
Molecular Formula: C₂₅H₂₁N₅O.2HCl **Molecular Weight:** 480.39
Batch Molecular Formula: C₂₅H₂₁N₅O.2HCl.1H₂O **Batch Molecular Weight:** 498.40
Appearance: Yellow solid **Observed mp:** 270 - 271 °C (decomp)
TLC (R_f): 0.2 DCM/MeOH (4:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.25, H 5.06, N 14.05; Found: C 60.44, H 4.71, N 13.85
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	14.7	29.5	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	28.0	56.2	
	EtOH			Not Tested

Remarks:

QC Date: 05-10-2018

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