



Certificate of Analysis

Axon Catalogue ID:	2251	Batch Number:	1	
Product Name:	Apoptozole			
Alternative Name(s):	N.A.			
IUPAC Name:	4-((2-(3,5-Bis(trifluoromethyl)phenyl)imidazol-1-yl)methyl)benzamide			
Structure:			Amount:	
CAS number(s):	1054543-47-3			
Molecular Formula:	C33H25F6N3O3	Molecular Weight:	625.56	
Batch Molecular Formula:	C33H25F6N3O3	Batch Molecular Weight:	625.56	
Appearance:	White solid	Observed mp:	223 - 225 °C	
TLC (R_f):	0.8	DCM/MeOH (9:1)		
Chemical Purity:	99.2%			
Optical Purity (ee):	N.A.			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 63.36, H 4.03, N 6.71; Found: C 63.25, H 3.88, N 6.49			
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)			Not Tested
	DMSO	50.0	79.9	
	EtOH			Not Tested
Remarks:				
QC Date:	30-01-2020			

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