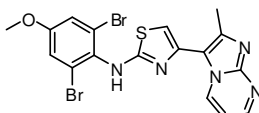




Certificate of Analysis

Axon Catalogue ID: 2420 **Batch Number:** 1
Product Name: PTC 209
Alternative Name(s): N.A.
IUPAC Name: N-(2,6-dibromo-4-methoxyphenyl)-4-(2-methylimidazo[1,2-a]pyrimidin-3-yl)thiazol-2-amine

Structure:



Amount:

CAS number(s): 315704-66-6
Molecular Formula: C₁₇H₁₃Br₂N₅O₅ **Molecular Weight:** 495.19
Batch Molecular Formula: C₁₇H₁₃Br₂N₅O₅ **Batch Molecular Weight:** 495.19
Appearance: Yellow solid **Observed mp:** 130 °C
TLC (R_f): 0.27 DCM:MeOH:NH₃ (30:1:0.1)
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 41.23, H 2.65, N 14.14; Found: C 40.92, H 2.55, N 13.80
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	49.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 23-7-2020

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