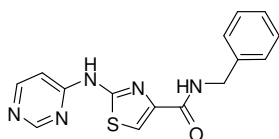




Certificate of Analysis

Axon Catalogue ID: 1535 **Batch Number:** 2
Product Name: Thiazovivin
Alternative Name(s): Tzv
IUPAC Name: N-benzyl-2-(pyrimidin-4-ylamino)thiazole-4-carboxamide

Structure:



Amount:

CAS number(s): 1226056-71-8
Molecular Formula: C₁₅H₁₃N₅O₂ **Molecular Weight:** 311.36
Batch Molecular Formula: C₁₅H₁₃N₅O₂ **Batch Molecular Weight:** 311.36
Appearance: Off-white solid **Observed mp:** 231 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.86, H 4.21, N 22.49; Found: C ND, H ND, N ND
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	>30 mM	>100 mM	0
	EtOH			Not Tested

Remarks:

QC Date: 14-06-2018

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