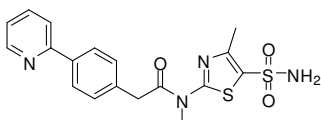




Certificate of Analysis

Axon Catalogue ID: 2266 **Batch Number:** 1
Product Name: Pritelivir
Alternative Name(s): BAY 57-1293; AIC 316
IUPAC Name: N-Methyl-N-(4-methyl-5-sulfamoylthiazol-2-yl)-2-(4-(pyridin-2-yl)phenyl)acetamide

Structure:



Amount:

CAS number(s): 348086-71-5
Molecular Formula: C₁₈H₁₈N₄O₃S₂ **Molecular Weight:** 402.49
Batch Molecular Formula: C₁₈H₁₈N₄O₃S₂·0.25H₂O **Batch Molecular Weight:** 406.99
Appearance: White solid **Observed mp:** 202 °C
TLC (R_f): 0.27 DCM/MeOH/NH₃ (15:1:0.1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.84, H 4.50, N 13.89; Found: C 52.97, H 4.45, N 13.61
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	40.7	>100 mM	
	EtOH			Not Tested

Remarks: Suspected to be unstable in solution (e.g. methanol), hence it is recommended to prepared a fresh stock solution for each experiment.

QC Date: 5-3-2020

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