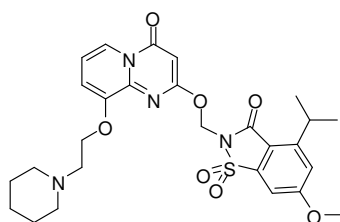




Certificate of Analysis

Axon Catalogue ID: 1269 **Batch Number:** 2
Product Name: SSR 69071
Alternative Name(s): N.A.
IUPAC Name: 2-[[6-Methoxy-4-(1-methylethyl)-1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl]methoxy]-9-[2-(1-piperidiny)ethoxy]-4H-pyrido[1,2-a]pyrimidin-4-one

Structure:



Amount:

CAS number(s): 344930-95-6
Molecular Formula: C₂₇H₃₂N₄O₇S **Molecular Weight:** 556.63
Batch Molecular Formula: C₂₇H₃₂N₄O₇S.1.25H₂O **Batch Molecular Weight:** 579.15
Appearance: White solid **Observed mp:** 130 - 131 °C
TLC (R_f): 0.45 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.99, H 6.00, N 9.67; Found: C 55.93, H 5.73, N 9.50
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	52.0	89.8	
	EtOH	6.8	11.7	

Remarks:

QC Date: 04-07-2019

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