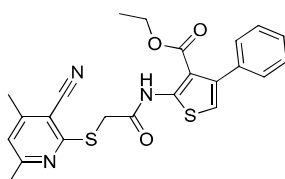




Certificate of Analysis

Axon Catalogue ID: 4461 **Batch Number:** 1
Product Name: ISR activator compound A8
Alternative Name(s): N.A.
IUPAC Name: Ethyl 2-(((3-cyano-4,6-dimethyl-2-pyridylthio)methyl)carbonylamino)-4-phenyl-3-thenoate

Structure:



Amount:

CAS number(s): 332874-88-1
Molecular Formula: C₂₃H₂₁N₃O₃S₂ **Molecular Weight:** 451.56
Batch Molecular Formula: C₂₃H₂₁N₃O₃S₂ **Batch Molecular Weight:** 451.56
Appearance: White solid **Observed mp:** 160.5 - 161.0 °C
TLC (R_f): 0.4 Hex/EtOAc (4:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.18, H 4.69, N 9.31; Found: C 61.29, H 4.69, N 9.21
Storage Conditions: Store at -20 °C

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	11.5	25.5	
EtOH	0.0	0.0	Insoluble

Remarks:

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