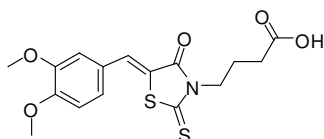




Certificate of Analysis

Axon Catalogue ID: 2133 **Batch Number:** 1
Product Name: iCRT5
Alternative Name(s): CRT Inhibitor iCRT5
IUPAC Name: (Z)-4-(5-(3,4-Dimethoxybenzylidene)-4-oxo-2-thioxothiazolidin-3-yl)butanoic acid

Structure:



Amount:

CAS number(s): 18623-44-4
Molecular Formula: C₁₆H₁₇NO₅S₂ **Molecular Weight:** 367.44
Batch Molecular Formula: C₁₆H₁₇NO₅S₂ **Batch Molecular Weight:** 367.44
Appearance: Yellow solid **Observed mp:** 185 - 187 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.30, H 4.66, N 3.81; Found: C 52.08, H 4.66, N 3.88
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	36.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-01-2019

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