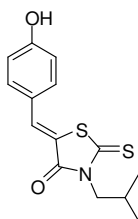




Certificate of Analysis

Axon Catalogue ID: 2821 **Batch Number:** 1
Product Name: PFM01
Alternative Name(s): N.A.
IUPAC Name: (Z)-5-(4-Hydroxybenzylidene)-3-isobutyl-2-thioxothiazolidin-4-one

Structure:



Amount:

CAS number(s): 1558598-41-6
Molecular Formula: C₁₄H₁₅NO₂S₂ **Molecular Weight:** 293.40
Batch Molecular Formula: C₁₄H₁₅NO₂S₂ **Batch Molecular Weight:** 293.40
Appearance: Yellow solid **Observed mp:** 162 - 163 °C
TLC (R_f): 0.4 PE/EtOAc (1:1)
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 57.31, H 5.15, N 4.77; Found: C 57.19, H 5.14, N 4.86
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	29.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 20-08-2018

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