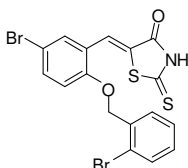




Certificate of Analysis

Axon Catalogue ID: 3436 **Batch Number:** 1
Product Name: PRL-3 inhibitor
Alternative Name(s): BR1
IUPAC Name: 5-(5-Bromo-2-(2-bromobenzyloxy)benzylidene)-2-thioxothiazolidin-4-one

Structure:



Amount:

CAS number(s): 893449-38-2
Molecular Formula: C₁₇H₁₁Br₂NO₂S₂ **Molecular Weight:** 485.21
Batch Molecular Formula: C₁₇H₁₁Br₂NO₂S₂ **Batch Molecular Weight:** 485.21
Appearance: Yellow solid **Observed mp:** >240 °C (decomp)
TLC (R_f): 0.41 Hex/EtOAc (4:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 42.08, H 2.29, N 2.89; Found: C 42.11, H 2.28, N 2.91
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	12.0	24.7	
	EtOH			Not Tested

Remarks: Electrostatic.

QC Date: 19-7-2021

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