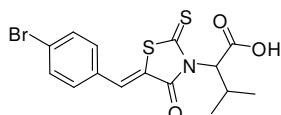




## Certificate of Analysis

**Axon Catalogue ID:** 1828 **Batch Number:** 1  
**Product Name:** BH3I 1  
**Alternative Name(s):** BHI 1  
**IUPAC Name:** 2-(5-(4-Bromobenzylidene)-4-oxo-2-thioxothiazolidin-3-yl)-3-methylbutanoic acid

**Structure:**



**Amount:**

**CAS number(s):** 300817-68-9  
**Molecular Formula:** C<sub>15</sub>H<sub>14</sub>BrNO<sub>3</sub>S<sub>2</sub> **Molecular Weight:** 400.31  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>14</sub>BrNO<sub>3</sub>S<sub>2</sub> **Batch Molecular Weight:** 400.31  
**Appearance:** Yellow solid **Observed mp:** 216 - 218 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.4%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 45.01, H 3.53, N 3.50; Found: C ND, H ND, N ND  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)	13.7	34.2	
	0.1N HCl (aq)			Not Tested
	DMSO	15.0	37.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 26-03-2020

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**