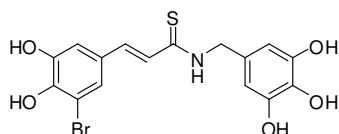




## Certificate of Analysis

**Axon Catalogue ID:** 2238 **Batch Number:** 1  
**Product Name:** NT 157  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (E)-3-(3-Bromo-4,5-dihydroxyphenyl)-N-(3,4,5-trihydroxybenzyl)prop-2-enethioamide

**Structure:**



**Amount:**

**CAS number(s):** 1384426-12-3  
**Molecular Formula:** C<sub>16</sub>H<sub>14</sub>BrNO<sub>5</sub> **Molecular Weight:** 412.26  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>14</sub>BrNO<sub>5</sub>.1H<sub>2</sub>O **Batch Molecular Weight:** 430.27  
**Appearance:** Yellow solid **Observed mp:** 132 °C  
**TLC (R<sub>f</sub>):** 0.34 DCM/MeOH (4:1)  
**Chemical Purity:** >99%  
**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 44.66, H 3.75, N 3.26; Found: C 44.76, H 3.65, N 3.33  
**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	43.0	>100 mM	
	EtOH			Not Tested

**Remarks:** The material is suspected to be unstable in solution (sensitive to oxidation), it is recommend to prepare fresh stock solutions prior to each experiment.

**QC Date:** 12-11-2019

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

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