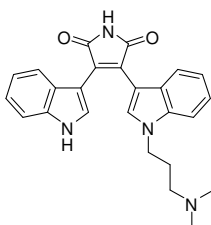




## Certificate of Analysis

**Axon Catalogue ID:** 3936 **Batch Number:** 1  
**Product Name:** Bisindolylmaleimide I  
**Alternative Name(s):** GF109203X  
**IUPAC Name:** 3-(1-(3-(Dimethylamino)propyl)-1H-indol-3-yl)-4-(1H-indol-3-yl)-1H-pyrrole-2,5-dione

**Structure:**



**Amount:**

**CAS number(s):** 133052-90-1  
**Molecular Formula:** C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 412.48  
**Batch Molecular Formula:** C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>.H<sub>2</sub>O **Batch Molecular Weight:** 430.50  
**Appearance:** Red solid **Observed mp:** 268 - 270 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (4:1)  
**Chemical Purity:** 98.1%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.75, H 6.09, N 13.01; Found: C 69.84, H 5.72, N 12.95  
**Storage Conditions:** Store at +4 °C

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	24.0	55.7	* Warming (40°C)
EtOH			Not Tested

**Remarks:** \* Warming (40°C) enhanced solubility.

**QC Date:** 8-11-2023

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**