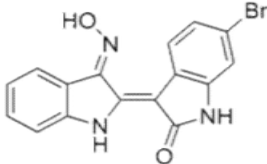


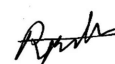
# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1259	
Compound name	BIO	
Chemical name	(2Z,3E)-6-Bromoindirubin-3'-oxime	
Batch number	E1113-1-1	
Batch molecular formula	C <sub>16</sub> H <sub>10</sub> N <sub>3</sub> O <sub>2</sub> Br.H <sub>2</sub> O	
Batch molecular weight	374.19	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.9%
NMR	<sup>1</sup> H NMR at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% MeOH/DCM shows one spot	Meets specification: R <sub>f</sub> =0.7
Physical appearance	Red solid	Meets specification: Red solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by

Signature



Passed by

Signature



Date

18-06-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.