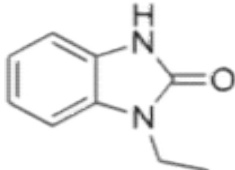


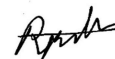
# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1045	
Compound name	1-EBIO	
Chemical name	1-Ethyl-2-benzimidazolinone	
Batch number	E0841-1-2	
Batch molecular formula	C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O	
Batch molecular weight	162.19	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.8%
NMR	<sup>1</sup> H NMR in DMSO 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 under uv	Meets specification: R <sub>f</sub> =0.45
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (100 mM)	Meets specification

Produced by

Signature



Passed by

Signature



Date

06-07-18

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