



## CERTIFICATE OF ANALYSIS

**Product Name:** (Z)-3-((1H-benzo[d]imidazol-4-yl)methyl)-5-(3,5-difluoro-4-hydroxybenzylidene)-2-methyl-3,5-dihydro-4H-imidazol-4-one (BI)  
**Product No:** 600 – 1 mg  
**Lot or Batch No:** 200320  
**Expiration Date:** N/A

### General Product Data

Synonyms : BI  
Formula :  $C_{19}H_{14}F_2N_4O_2$   
Molecular Weight : 368.3 g/mol  
Country of Origin : USA  
CAS Number :  
CAS Name : Not available

### Product Specifications/Analysis

Appearance : Yellow, crystalline powder  
Infrared Spectrometry : Authentic  
HPLC : Shows >98% purity  
1H NMR : Consistent with structure  
Mass Spec : Consistent with structure  
Water : = < 3 % (K.F.)  
pH : (1 % soln.) 5.0 to 15.0  
DNase, RNase, Protease Act. : None detected  
UV : (0.1 M in H<sub>2</sub>O)  
At 280 nm A: = < 0.02  
At 260 nm A: = < 0.04

\*\*\* Not fully tested. Research use only. Not for human or animal use. \*\*\*

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Lucerna, Inc.

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