



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 H₂O)
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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