



CERTIFICATE OF ANALYSIS

Product Name: (Z)-4-(3,5-difluoro-4-hydroxybenzylidene)-2-methyl-1-(2,2,2-trifluoroethyl)-1H-imidazol-5(4H)-one (DFHBI-1T)

Product No: 410 – 1 mg/5 mg/10 mg

Lot or Batch No: 170629

Expiration Date: N/A

General Product Data

Synonyms : DFHBI-1T

Formula : $C_{13}H_9F_5N_2O_2$

Molecular Weight : 320.21 g/mol

Country of Origin : USA

CAS Number : 1539318-36-0

CAS Name : 4H-Imidazol-4-one, 5-[(3,5-difluoro-4-hydroxyphenyl)methylene]-3,5-dihydro-2-methyl-3-(2,2,2-trifluoroethyl)-, (5Z)-

Product Specifications/Analysis

Appearance : Orange powder

Infrared Spectrometry : Authentic

HPLC : Shows >95% purity

1H NMR : Consistent with structure

Mass Spectrum : Consistent with structure

Water : = < 3 % (K.F.)

pH : (1 % soln.) 5.0 to 15.0

DNase, RNase, Protease Act. : None detected

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

Date of release: June 29, 2017

Lucerna, Inc.

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