



## 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<sub>13</sub>H<sub>9</sub>F<sub>5</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight :** 320.21 g/mol

**Country of Origin :** USA

**CAS Number :** 1539318-36-0

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

### Product Specifications/Analysis

**Appearance :** Orange powder

**HPLC :** Shows >95% purity

**<sup>1</sup>H NMR :** Consistent with structure

**Mass Spectrum :** Consistent with structure

**pH :** (1 % soln.) 5.0 to 15.0

**DNase, RNase, Protease Act. :** none detected

**Date of release:** June 29, 2017

**Product lot approver:**

Lucerna, Inc.

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