



CERTIFICATE OF ANALYSIS

Product Name: 3,5-difluoro-4-hydroxybenzylidene imidazolinone-2-oxime (DHFO)
Product No: 500 – 1 mg/5 mg/10 mg
Lot or Batch No: 171212
Expiration Date: N/A

General Product Data

Synonyms : DFHO
Formula : $C_{12}H_8F_2N_3O_3$
Molecular Weight : 281.2 g/mol
Country of Origin : USA
CAS Number :
CAS Name : (*E*)-4-((*Z*)-3,5-difluoro-4-hydroxybenzylidene)-1-methyl-5-oxo-4,5-dihydro-1*H*-imidazole-2-carbaldehyde oxime

Product Specifications/Analysis

Appearance : Yellow-orange, crystalline powder
Infrared Spectrometry : Authentic
HPLC : Shows >99% 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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