

**1. Identification**Catalogue Number

H944875

Lot Number

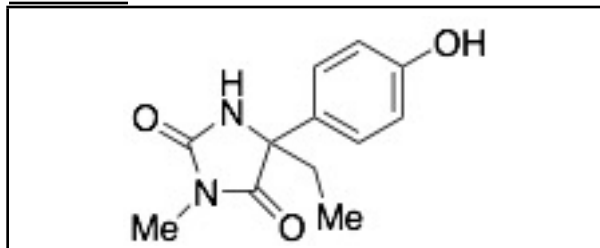
1-RUS-149-2

Product Name

(±)-4-Hydroxy Mephenytoin

Synonyms

5-Ethyl-5-(4-hydroxyphenyl)-3-methyl-2,4-imidazolidinedione; (±)-5-Ethyl-(4-hydroxyphenyl)-3-methylhydantoin; p-Hydroxymephenytoin;

StructureCAS Number

61837-65-8

Solubility

DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{12}H_{14}N_2O_3$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

234.25

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.87% (230 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. SignaturesReviewed by

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

5/15/2023

Retest Date

5/13/2033