



CERTIFICATE OF ANALYSIS

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1. Identification

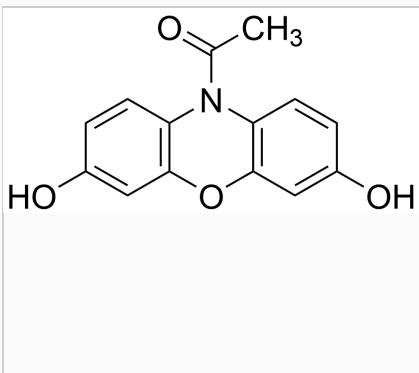
Catalogue Number: A291803

CAS Number: 119171-73-2

Product: ADHP

Synonym: 1-(3,7-Dihydroxy-10H-phenoxazin-10-yl)ethanone; 1-(3,7-Dihydroxyphenoxazin-10-yl)ethanone; 10-Acetyl-3,7-dihydroxyphenoxazine; 3,7-Dihydroxy-10-acetylphenoxazine; A 6550; Amplex Red; Amplex Red Ultra; Amplex UltraRed; Ampliflu Red; N-Acetyl-3,7-dihydroxyphenoxazine; SuperRed

Structure:



Molecular Formula:

C14H11NO4

Molecular weight:

257.24

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 3-RMT-60-3

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Appearance Pale Red to Light Red Solid
NMR Conforms to Structure
MS Conforms to Structure
HPLC Purity Report Result
Elemental Analysis Conforms

Specifications:

Pale Red to Light Red Solid

Results:

Pale Red to Light Red Solid
Conforms
Conforms
99.34% (220 nm)
%C: 65.15, %H: 4.38, %N: 5.21

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. Signatures

Reviewed By

Swathi Reddy

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

3/17/2023

Retest Date

3/15/2027