

1. Identification

Catalogue Number

T540285

Lot Number

4-OBI-160-1

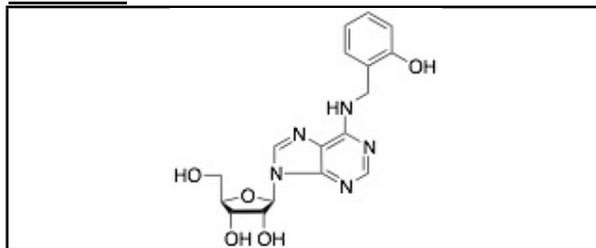
Product Name

ortho-Topolin Riboside

Synonyms

6-(2-Hydroxybenzylamino)-9-β-D-ribofuranosylpurine; ortho-Topolin-9-ribose; N6-(o-Hydroxybenzyl)adenosine; Cytokinin R; 6-(o-Hydroxybenzylamino)-9-β-D-ribofuranosylpurine; 6-(2-Hydroxybenzyl)aminopurine Riboside; 6-(2-Hydroxybenzyl)adenosine; (o-Hydroxybenzyl)adenine Riboside; N-[(2-Hydroxyphenyl)methyl]adenosine;

Structure



CAS Number

50868-58-1

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₇H₁₉N₅O₅

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

373.36

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.94, %H: 5.40, %N: 18.12

HPLC Purity

>95%

99.33% (270 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 ± 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

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/26/2023

Retest Date

7/24/2027