



CERTIFICATE OF ANALYSIS

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1. Identification

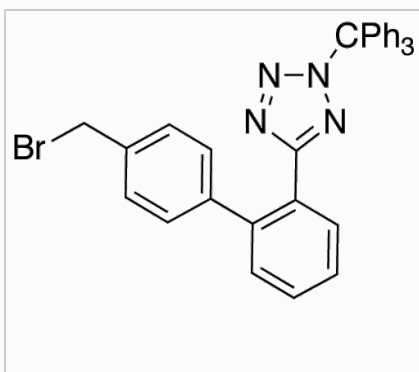
Catalogue Number: B685310

CAS Number: 133051-88-4

Product: 5-[4'-Bromomethyl-(1,1'-biphenyl)-2-yl]-2-triphenylmethyltetrazole

Synonym: 4-Bromomethyl-2'-[N2-triphenylmethyl-2H-tetrazol-5-yl]biphenyl; 4-[2'-(N2-Triphenylmethyltetrazol-5-yl)phenyl]benzyl Bromide; 4'-Bromomethyl-2-(2-trityl-2H-tetrazol-5-yl)biphenyl; [2'-(2-Trityl-2H-tetrazol-5-yl)biphenyl-4-yl]methyl Bromide;

Structure:



Molecular Formula:

C₃₃H₂₅BrN₄

Molecular weight:

557.48

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly, Heated)

Lot Number: 9-AZP-41-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Pale Yellow Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 71.35, %H: 4.47, %N: 10.13

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. Signatures

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Swathi Reddy

Toni Rantanen

Chanell Chu

11/10/2021

11/8/2025