



CERTIFICATE OF ANALYSIS

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1. Identification

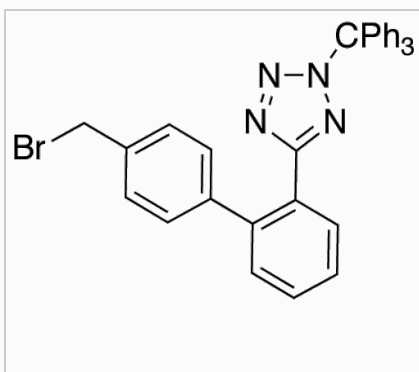
Catalogue Number: B685310

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: 17-SSR-117-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Moisture Sensitive

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White Solid
Melting Point	Report Result	150 - 153°C
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 70.93, %H: 4.59, %N: 10.21
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.31%

Additional Information: NA

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Philip Chan	Eric Beaton	Clarissa Santos	10/18/2018	10/16/2028
				