



CERTIFICATE OF ANALYSIS

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1. Identification

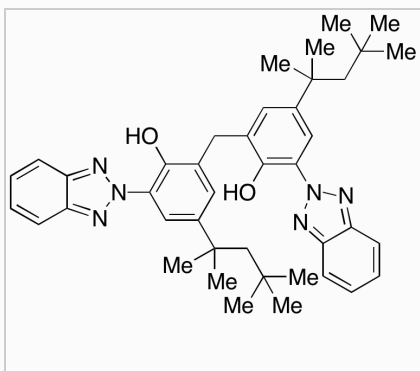
Catalogue Number: B508870

CAS Number: 103597-45-1

Product: Bisotrizole

Synonym: 2,2'-Methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-(2H-benzotriazol-2-yl)phenol]; 2,2'-Methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-benzotriazol-2-ylphenol]; 2,2'-Methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-benzotriazolylphenol]; 2,2'-Methylenebis[6-(2-benzotriazolyl)-4-(1,1,3,3-tetramethylbutyl)phenol]; 2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol]; 2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-tert-octylphenol]; ADK Stab LA 31; ADK Stab LA 31R; ADK Stab LA 31RG; Ad

Structure:



Molecular Formula:

C₄₁H₅₀N₆O₂

Molecular weight:

658.87

Source of Product:

N/A

Solubility:

Chloroform (Slightly, Hexanes (Slightly), Methanol (Slightly))

Lot Number: 711656307-6-3

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:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 73.10, %H: 7.75, %N: 12.53
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.84% (305 nm)

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
Henry Tieu	Toni Rantanen	Chanell Chu	9/15/2022	9/13/2026
				