



CERTIFICATE OF ANALYSIS

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1. Identification

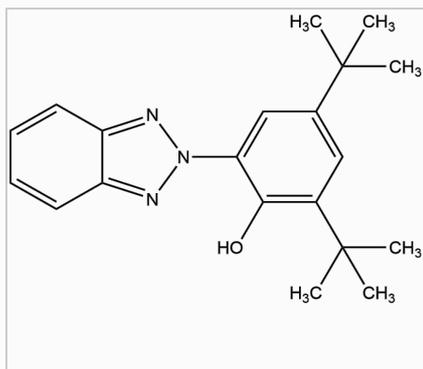
Catalogue Number: U850210

CAS Number: 3846-71-7

Product: UV-320

Synonym: 2-(2H-benzotriazol-2-yl)-4,6-di-tert-butylphenol; 2-(2H-Benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)phenol; 2-(2-Benzotriazolyl)-4,6-di-tert-butylphenol; 2-(2-Hydroxy-3,5-di-tert-butylphenyl)-2H-benzotriazole; 2-(2-Hydroxy-3,5-di-tert-butylphenyl)benzotriazole; 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole; 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole; 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole; 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole; 2-(3,5-Di-tert-butyl-2-hydroxyphenyl)-2H-benzotriazole; 2-(3,5-Di-tert-butyl-2-hydroxyphenyl)-2H-benzotriazole

Structure:



Molecular Formula:

C₂₀H₂₅N₃O

Molecular weight:

323.43

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Very Slightly)

Lot Number: 2023-QIU-348

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 Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 74.27, %H: 7.90, %N: 12.92
HPLC Purity	Report Result	99.32% (215 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

Henry Tieu



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

10/31/2023

Retest Date

10/29/2027