



CERTIFICATE OF ANALYSIS

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1. Identification

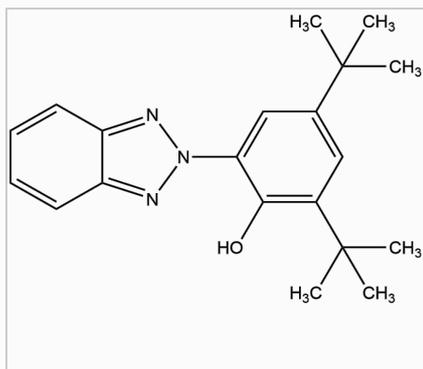
Catalogue Number: U850210

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 (Slightly)

Lot Number: 2023-JPO-244

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	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.32, %H: 7.55, %N: 12.53
HPLC Purity	Report Result	99.38% (210 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

Nicole Yip



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

6/2/2023

Retest Date

5/31/2027