



CERTIFICATE OF ANALYSIS

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1. Identification

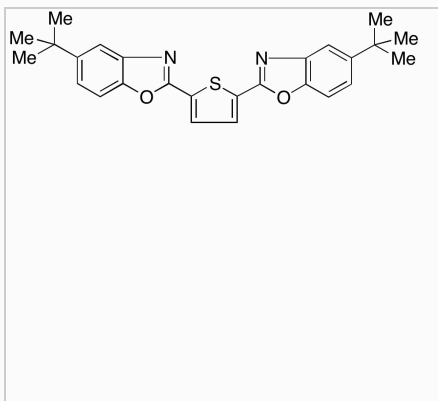
Catalogue Number: B585320

CAS Number: 7128-64-5

Product: 2,5-Bis(5-tert-butylbenzoxazol-2-yl)thiophene

Synonym: 2,2'-(2,5-Thiophenediyl)bis[5-(1,1-dimethylethyl)]-benzoxazole;

Structure:



Molecular Formula:

$C_{26}H_{26}N_2O_2S$

Molecular weight:

430.56

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl
Acetate (Slightly), Methanol
(Slightly)

Lot Number: 5-JTN-101-1

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:
Appearance	Pale Yellow to Light Green Solid	Light Yellow to Light Green Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.82% (370 nm)
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	357 nm, 373 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
Nicole Yip	Toni Rantanen	Chanell Chu	5/6/2022	5/4/2029