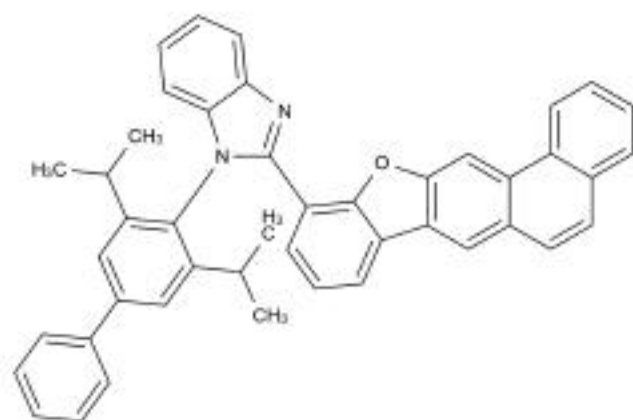


Certificate of Analysis

Reference Material & Standard

Product Name:	1-(3,5-Diisopropyl-[1,1'-biphenyl]-4-yl)-2-(phenanthro[3,2-b]benzofuran-11-yl)-1H-benzo[d]imidazole	Catalogue Number:	CIM-105574
Synonyms:	N/A	Lot Number:	1225-SA-7625
CAS Number:	N/A	Expiry Date:	Dec 25, 26
Molecular Formula:	C ₄₅ H ₃₆ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	620.78		

Chemical Structure:



Test Items

Appearance

Identification:

Purity:

Uncertainty

Method

Visual inspection

LC&HNMR

HPLC

Results

Solid

Confirmed

98.427%

±2.0%

Comment:

CATO Research Chemicals Inc.

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Dec 25, 24

Date: Dec 25, 24

Date: Dec 25, 24



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Official WeChat

Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Dec 25, 24	First release.

