



CERTIFICATE OF ANALYSIS

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1. Identification

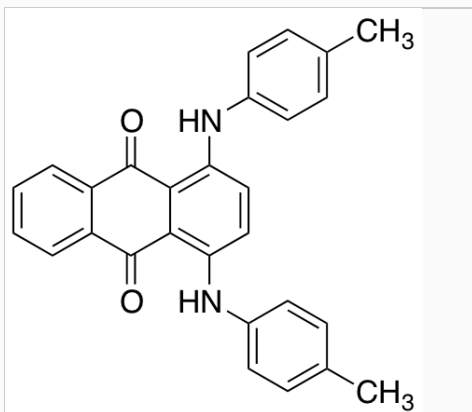
Catalogue Number: P768855

CAS Number: 128-80-3

Product: 1,4-Bis(p-tolylamino)anthracene-9,10-dione

Synonym:

Structure:



Molecular Formula:

C₂₈H₂₂N₂O₂

Molecular weight:

418.49

Source of Product:

N/A

Solubility:

Acetone (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-ASA-154-1

Purity: 97%

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	Very Dark Purple Solid	Very Dark Purple Solid
Elemental Analysis	Conforms	%C: 79.83, %H: 5.23, %N: 6.70
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	404 nm, 603 nm, 616 nm, 622 nm, 636 nm
FT-IR	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 $\pm 2\%$. 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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	9/24/2021	9/22/2025