



CERTIFICATE OF ANALYSIS

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1. Identification

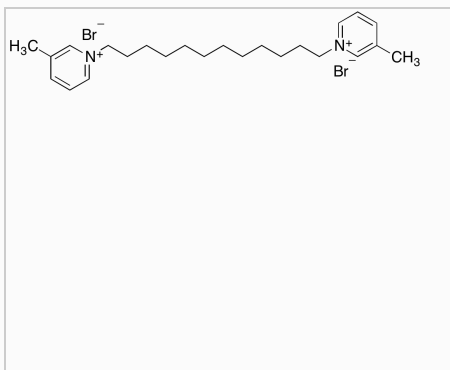
Catalogue Number: P991823

CAS Number: 525596-66-1

Product: bPiDDB

Synonym: 1,1'-(1,12-Dodecanediyl)bis[3-methylpyridinium] Dibromide

Structure:



Molecular Formula:

C₂₄H₃₈Br₂N₂

Molecular weight:

514.38

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Sparingly)

Lot Number: 2023-SAP-074

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 Dark Yellow Semi-Solid to Solid	Off-White to Pale Yellow Solid
Elemental Analysis	Conforms	%C: 54.85, %H: 7.51, %N: 5.33
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.10% (270 nm)
Bromide Content	Report Result	31.5%
NMR	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
Henry Tieu	Toni Rantanen	Chanell Chu	3/22/2023	3/20/2027