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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

Product Name: Pinaverium Impurity 13

Identification:

Chemical Name: 4-(2-Bromo-4,5-dimethoxybenzyl)-4-(2-(2-((1R,5S)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethoxy)ethyl)morpholin-4-ium bromide

Synonyms : Dehydropinaverium Bromide

CAS Number : 1235355-01-7

CAT Number : CP-P35002

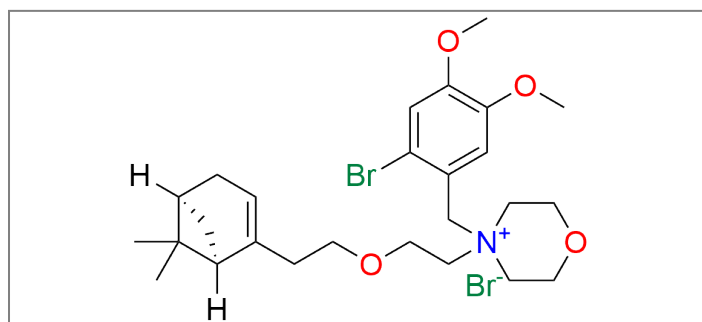
Molecular Formula : C₂₆H₃₉BrNO₄:Br

Molecular Weight : 509.5:79.9

Batch Number : CP-PIN-13-0923

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Highly Hygroscopic Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.07%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.