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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

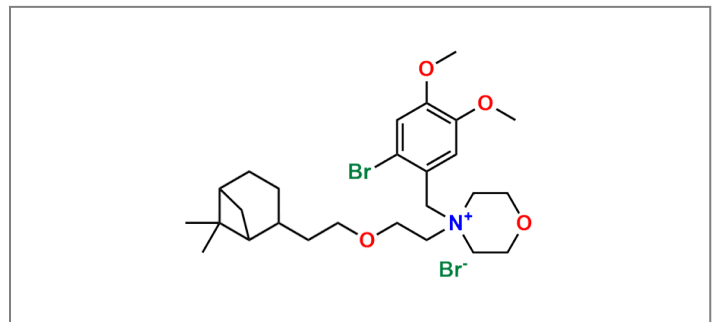
Re-test Date: May 2026

**Product Name: Pinaverium Bromide**

### Identification:

Chemical Name: 4-[(2-Bromo-4,5-dimethoxyphenyl)methyl]-4-[2-[2-(6,6-dimethylbicyclo[3.1.1]-hept-2-yl)ethoxy]ethyl]morpholinium Bromide

Synonyms : NA  
CAS Number : 53251-94-8  
CAT Number : CP-P35005  
Molecular Formula : C<sub>26</sub>H<sub>41</sub>BrNO<sub>4</sub> : Br  
Molecular Weight : 511.5 : 79.9  
Batch Number : CHEM-PIN  
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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.81%
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.