



CERTIFICATE OF ANALYSIS

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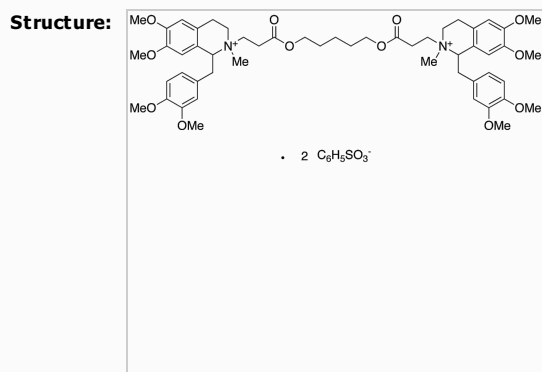
1. Identification

Catalogue Number: A794500

CAS Number: 64228-81-5

Product: Atracurium Besylate

Synonym: 2,2'-[1,5-Pentanediy]bis[oxy(3-oxo-3,1-propanediyl)]bis[1-[(3,4-dimethoxyphenyl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-isoquinolinium Benzenesulfonate; Atracurium Dibesylate; BW 33A; Tracrium; Tracur; Wellcome 33A74;



Molecular Formula:

C₆₅H₈₂N₂O₁₈S₂

Molecular weight:

1243.48

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-ZPK-21-1

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:
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.32% (235 nm)

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	7/14/2023	7/12/2027