

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2025

**Product Name: Trimebutine N-Oxide Hydrochloride**

### Identification:

Chemical Name: N,N-Dimethyl-2-phenyl-1-((3,4,5-trimethoxybenzoyl)oxy)butan-2-amine oxide Hydrochloride

Synonyms : NA

CAS Number : 2731998-25-5

CAT Number : CP-T6013

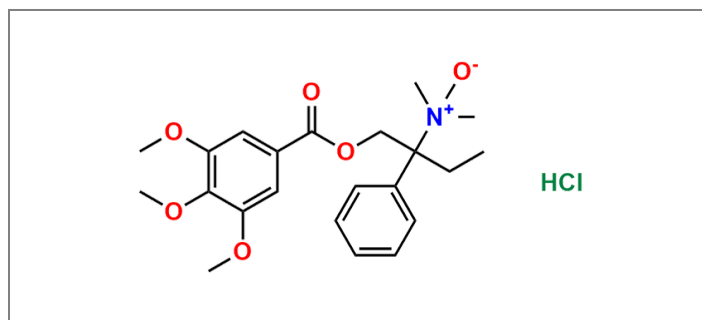
Molecular Formula : C<sub>22</sub>H<sub>29</sub>NO<sub>6</sub> : HCl

Molecular Weight : 403.47 : 36.5

Batch Number : CP-TRI-NO-0524

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.99%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.1438%
8)	Potency by TGA	91.85%



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.