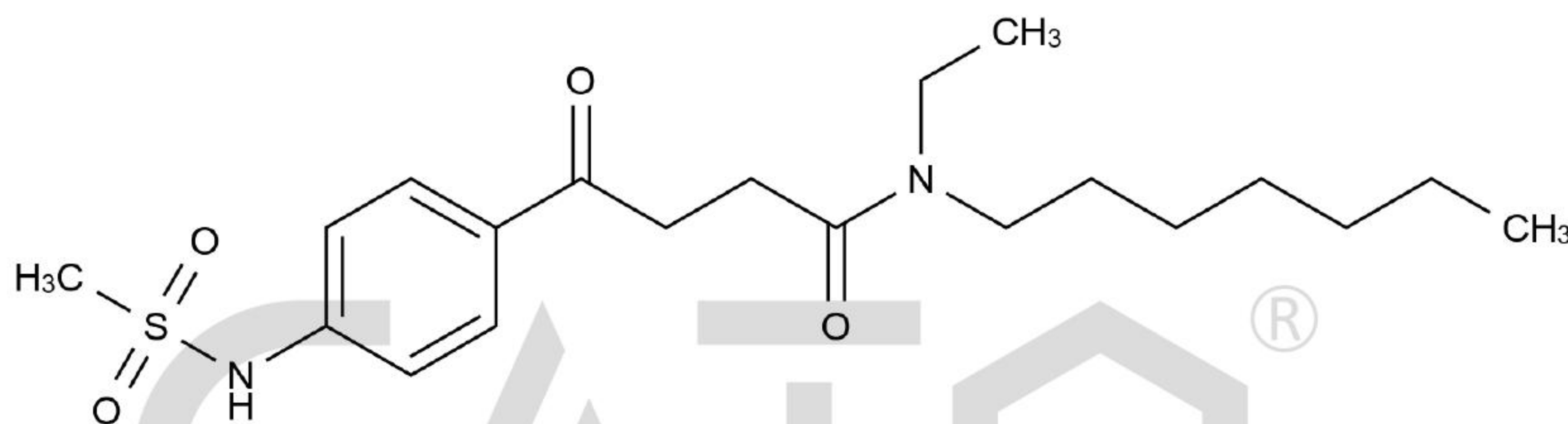


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibutilide USP Related Compound A	Catalogue Number:	C4X-21101
Synonyms:	N/A	Lot Number:	0728-RE-0028
CAS Number:	100632-58-4	Expiry Date:	Nov 03, 2029
Molecular Formula:	C ₂₀ H ₃₂ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	396.54	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.671%
Loss on Drying	TGA	0.1262%
Assay		99.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 04, 2025

Date: Nov 04, 2025

Date: Nov 04, 2025



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