

Certificate of Analysis

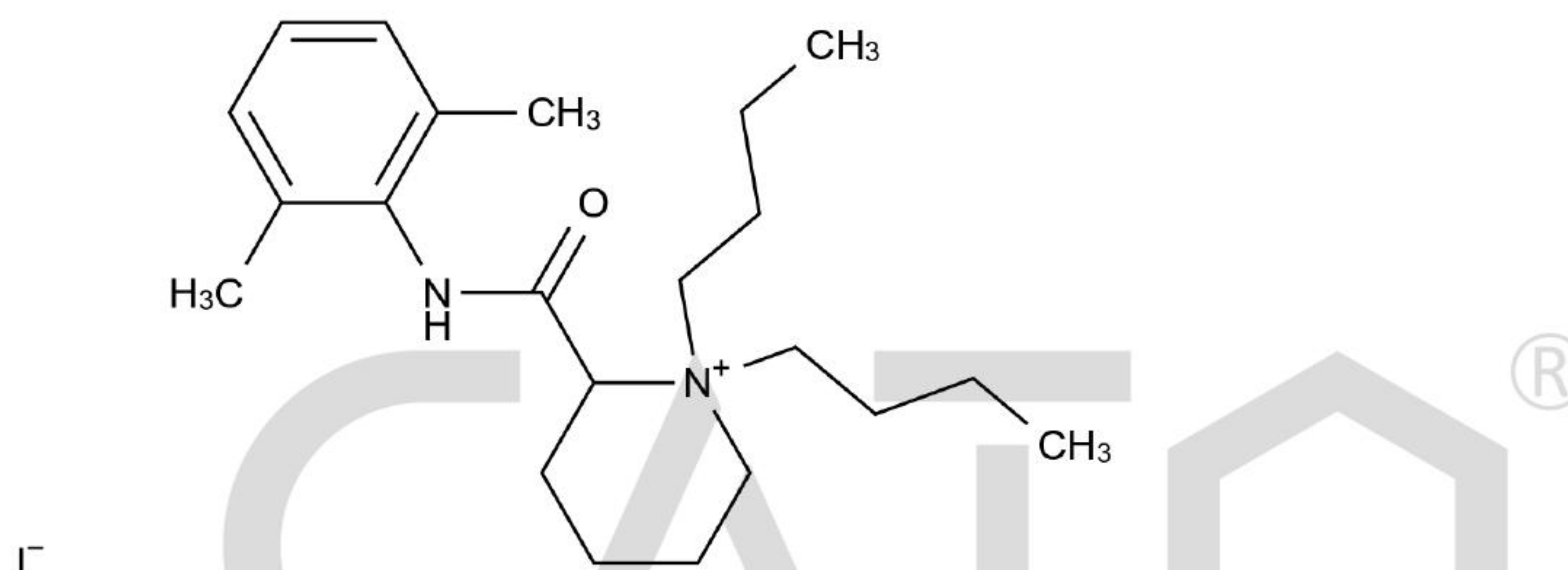
Reference Material & Standard

Product Name:	1,1-Dibutyl-2-((2,6-dimethylphenyl)carbamoyl)piperidin-1-ium iodide	Catalogue Number:	C1531283
Synonyms:	N/A	Lot Number:	0808-RF-0059
CAS Number:	852669-91-1	Expiry Date:	Aug 11, 2027
Molecular Formula:	C ₂₂ H ₃₇ N ₂ O I	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	345.54 126.90		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.669%
Loss on Drying	TGA	3.1736%
Assay		96.5%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 12, 2024

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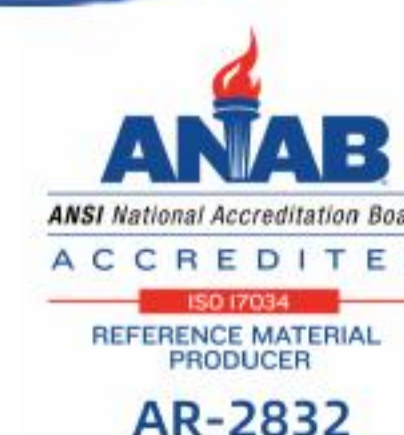
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