



CERTIFICATE OF ANALYSIS

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1. Identification

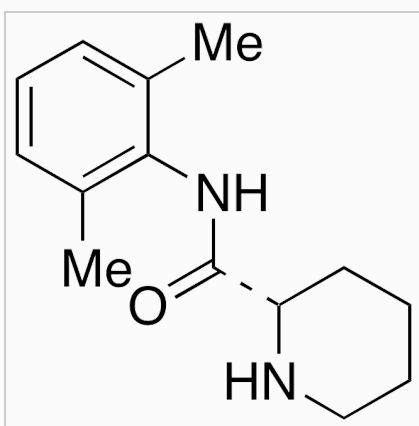
Catalogue Number: D297385

CAS Number: 27262-40-4

Product: N-Despropyl Ropivacaine

Synonym: (2S)-N-(2,6-Dimethylphenyl)-2-piperidinecarboxamide; L-Pipecolic Acid 2,6-Xylidide; (S)-N-(2,6-Dimethylphenyl)-2-piperidinecarboxamide; (+)-2',6'-Pipicoloxylidide; N-Desmethyl (S)-Mepivacaine; N-Desbutyl (S)-Bupivacaine; Ropivacaine EP Impurity B;

Structure:



Molecular Formula:

C₁₄H₂₀N₂O

Molecular weight:

232.32

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Aqueous Acid (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 2023-MYF-007

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.44, %H: 8.67, %N: 11.83
HPLC Purity	Report Result	100.00% (210 nm)
Chirality	Report Result	ee = 97.85% by Chiral HPLC (220 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+56.3 (c = 0.2 2N HCl)

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
Nicole Yip	Toni Rantanen	Christina Gouliaras	9/7/2022	9/5/2026
				