

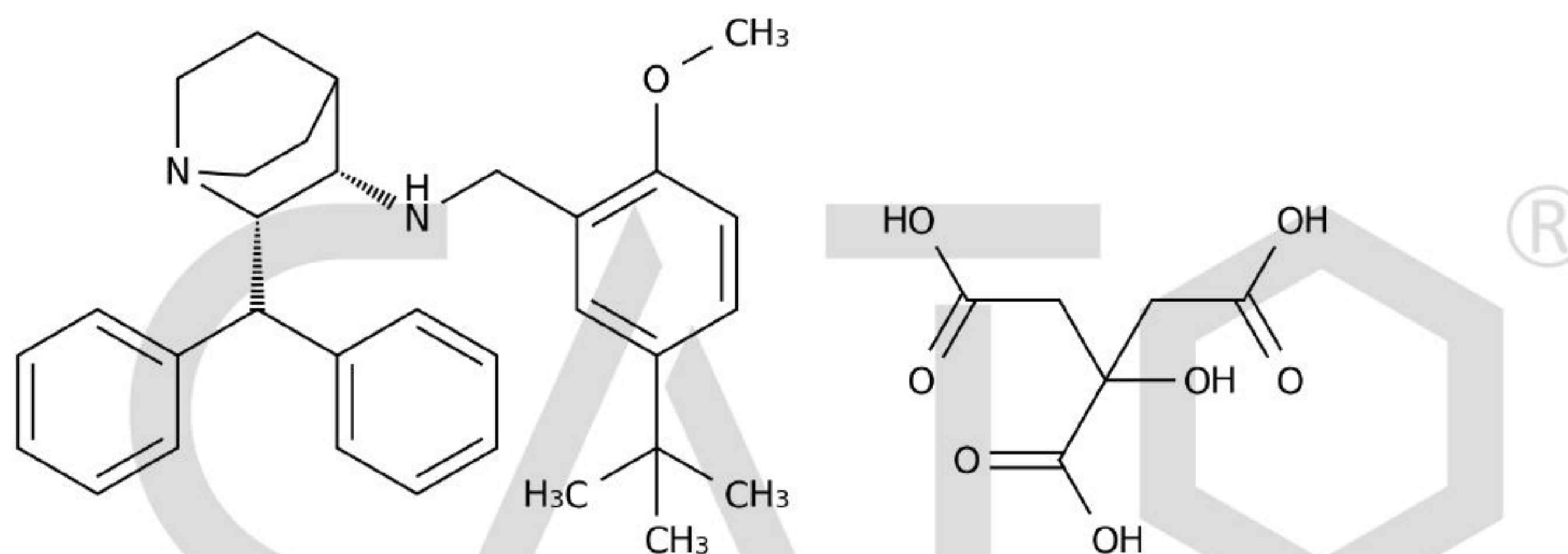
Certificate of Analysis

Reference Material & Standard

Product Name:	Maropitant Citrate Hydrate	Catalogue Number:	C4X-2508
Synonyms:	N/A	Lot Number:	0609-RH-0128
CAS Number:	359875-09-5	Expiry Date:	Jun 10, 2030
Molecular Formula:	C ₃₂ H ₄₀ N ₂ O C ₆ H ₈ O ₇ H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	468.67 192.12 18.02	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

H₂O

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	3.1240%
Water Content(Free Water)		0.4694%
Residue on Ignition	TGA	0.4765%
Assay		99.1%

Comment:

- The content of crystal water is 2.6546%.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content(Free Water)} - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content(Free Water) and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 11, 2026

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