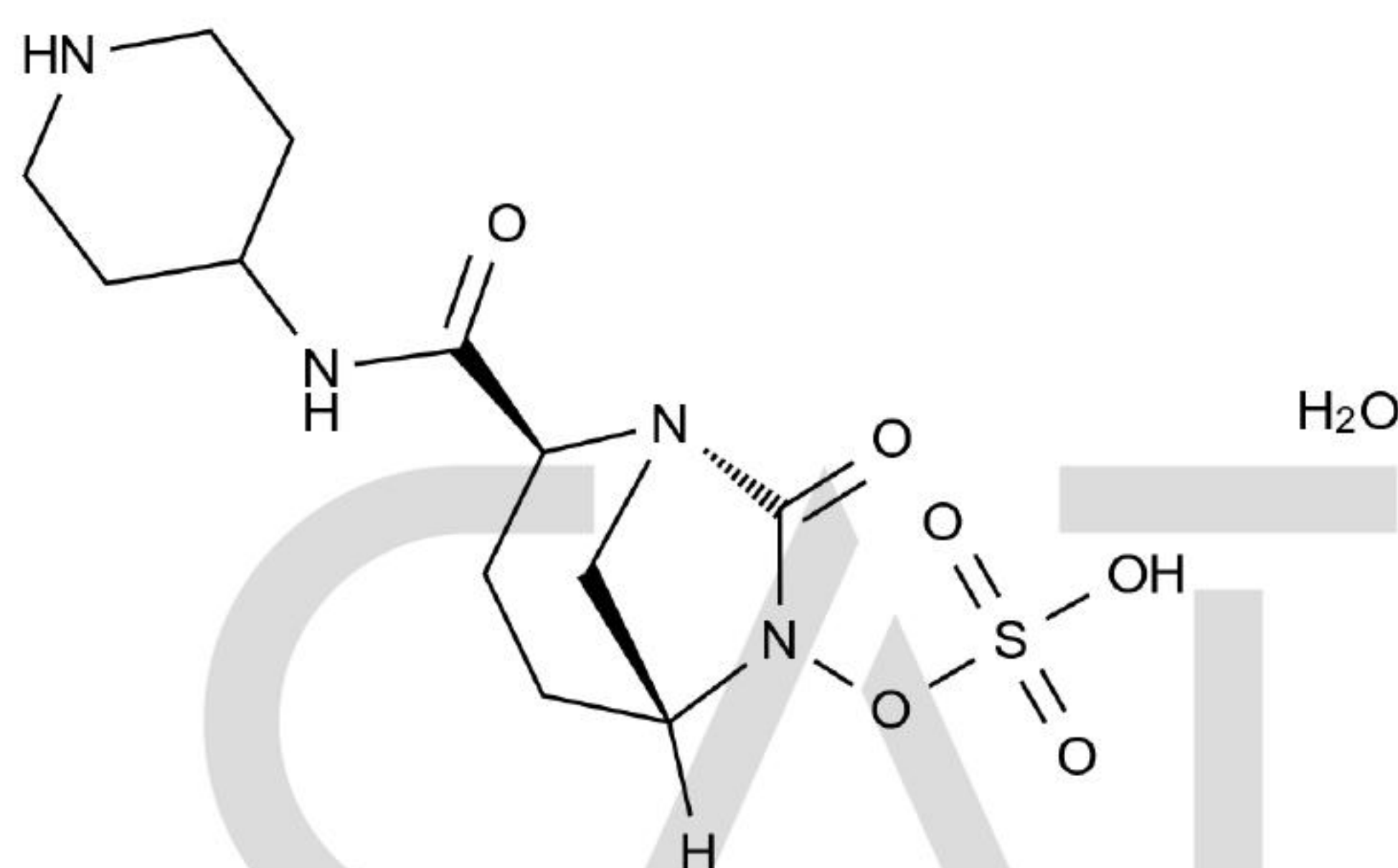


Certificate of Analysis

Reference Material & Standard

Product Name:	Relebactam Hydrate	Catalogue Number:	C4X-2144144
Synonyms:	N/A	Lot Number:	0604-RH-0073
CAS Number:	1174020-13-3	Expiry Date:	Jun 10, 2030
Molecular Formula:	C ₁₂ H ₂₀ N ₄ O ₆ S H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.38 18.02	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	98.553%
Water Content	Karl Fischer	4.4815%
Water Content(Free Water)		ND
Assay		98.6%

Comment:

1. The content of crystal water is 4.9181%.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content(Free Water)}) \times \text{Purity ELSD (\%)} / 100\%$$

Water Content(Free Water) is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 11, 2026

Date: Jun 11, 2026

Date: Jun 11, 2026



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