

Certificate of Analysis

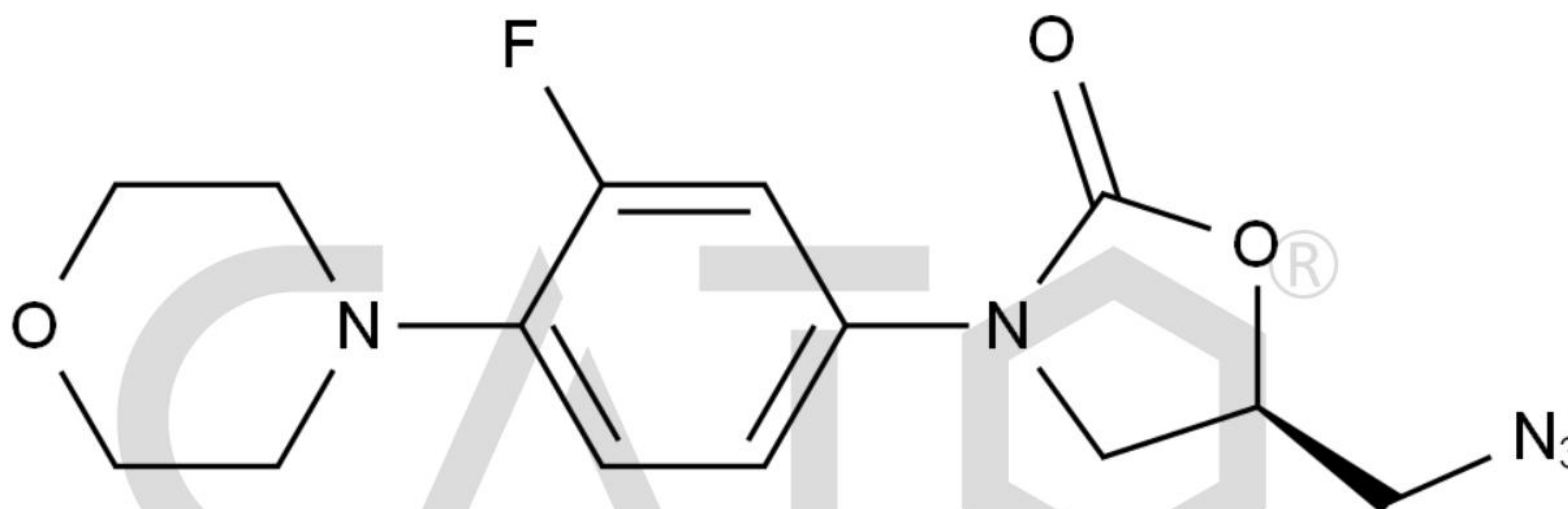
Reference Material & Standard

Product Name:	Linezolid USP Related Compound A	Catalogue Number:	C4X-107342
Synonyms:	N/A	Lot Number:	0122-RA-0009
CAS Number:	168828-84-0	Expiry Date:	Feb 13, 2028
Molecular Formula:	C ₁₄ H ₁₆ FN ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	321.31	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.1499%
Assay		99.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Feb 14, 2025

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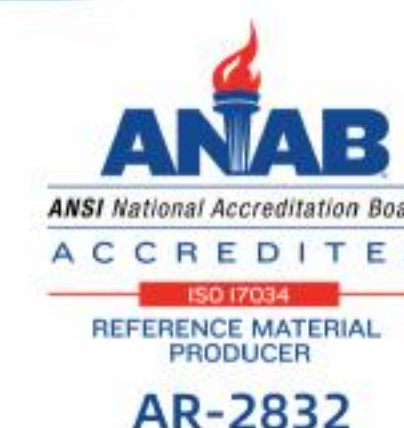
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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