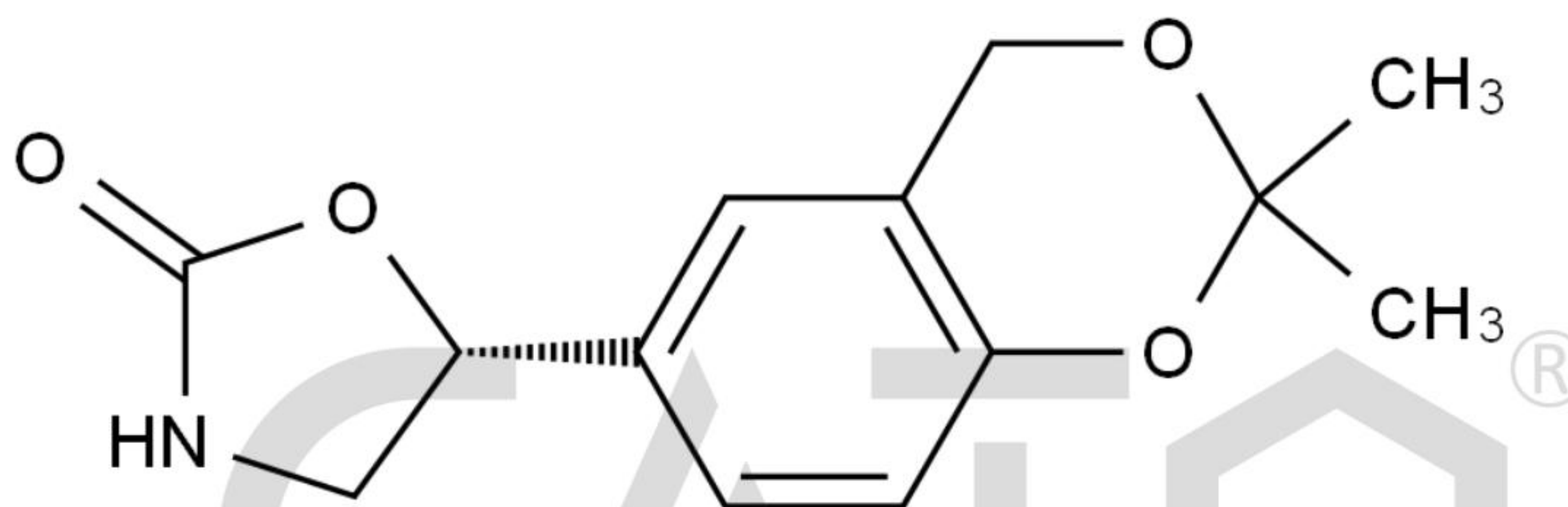


Certificate of Analysis

Reference Material & Standard

Product Name:	Vilanterol Impurity 41	Catalogue Number:	C4X-193541
Synonyms:	(5R)-5-(2,2-Dimethyl-4H-1,3-Benzodioxin-6-yl)-1,3-oxazolidin-2-one	Lot Number:	0305-RH-0012
CAS Number:	452339-73-0	Expiry Date:	Mar 08, 2030
Molecular Formula:	C ₁₃ H ₁₅ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	249.26	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0765%
Assay		99.9%

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: Mar 09, 2026

Date: Mar 09, 2026

Date: Mar 09, 2026



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