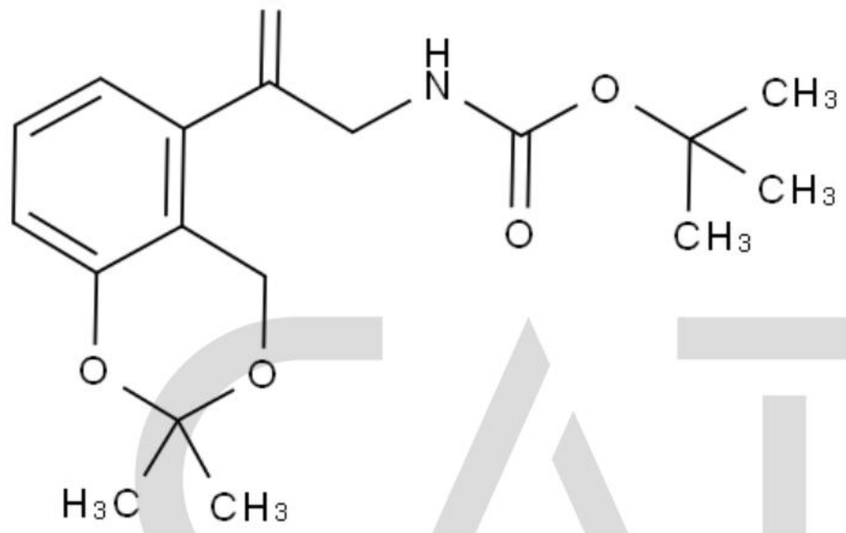
No.: 202409030089

Certificate of Analysis

Reference Material & Standard

Product Name:	Vilanterol Impurity 16	**Catalogue Number:**	C4X-193516
Synonyms:	N/A	**Lot Number:**	1202-RF-0047
CAS Number:	N/A	**Expiry Date:**	Dec 10, 2027
Molecular Formula:	C17H23NO5	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	321.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.4177%
Assay		99.6%

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Comment:

The calculation of the 100% 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: Alice — Date: Dec 11, 2024

Reviewed by: Koi — Date: Dec 11, 2024

Approved by General Manager: David — Date: Dec 11, 2024

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