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CERTIFICATE OF ANALYSIS

Analysis Date:

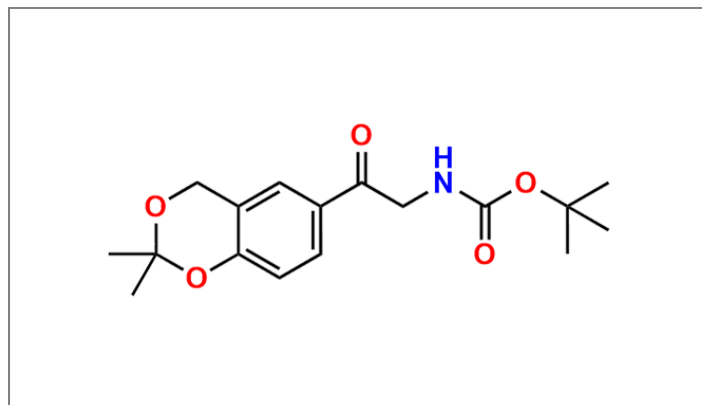
Re-test Date:

Product Name: Vilanterol Impurity 12

Identification:

Chemical Name: Tert-butyl (2-(2,2-dimethyl-4H-benzo[d][1,3]dioxin-6-yl)-2-oxoethyl)carbamate

Synonyms : NA
CAS Number : 452339-71-8
CAT Number : CP-V22012
Molecular Formula : C₁₇H₂₃NO₅
Molecular Weight : 321.37



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.