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## CERTIFICATE OF ANALYSIS

Analysis Date:

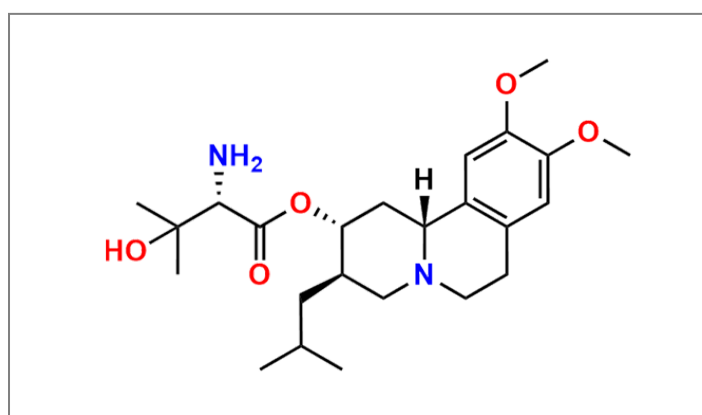
Re-test Date:

**Product Name: Valbenazine Impurity 2**

### Identification:

Chemical Name: (2R,3R,11bR)-3-Isobutyl-9,10-dimethoxy-1,3,4,6,7,11b-hexahydro-2H-pyrido[2,1-a]isoquinolin-2-yl (S)-2-amino-3-hydroxy-3-methylbutanoate

Synonyms : NA  
CAS Number : 2237934-70-0  
CAT Number : CP-V37001  
Molecular Formula : C<sub>24</sub>H<sub>38</sub>N<sub>2</sub>O<sub>5</sub>  
Molecular Weight : 434.58



### 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.