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## CERTIFICATE OF ANALYSIS

Analysis Date:

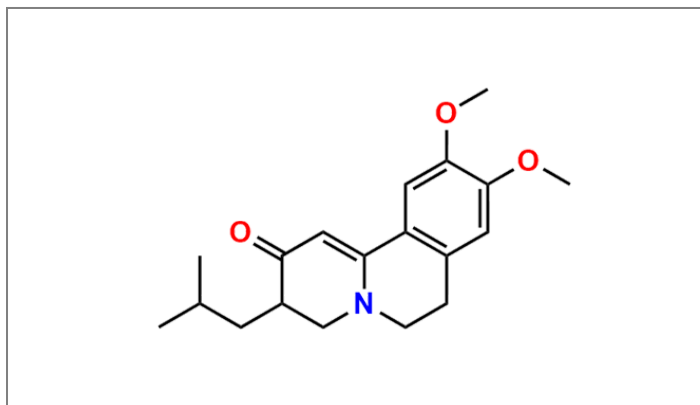
Re-test Date:

**Product Name: Tetrabenazine Impurity 12**

### Identification:

Chemical Name: 3-Isobutyl-9,10-dimethoxy-3,4,6,7-tetrahydro-2H-pyrido[2,1-a]isoquinolin-2-one

Synonyms : NA  
CAS Number : 100322-43-8  
CAT Number : CP-T104020  
Molecular Formula : C<sub>19</sub>H<sub>25</sub>NO<sub>3</sub>  
Molecular Weight : 315.41



### 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.