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## CERTIFICATE OF ANALYSIS

Analysis Date:

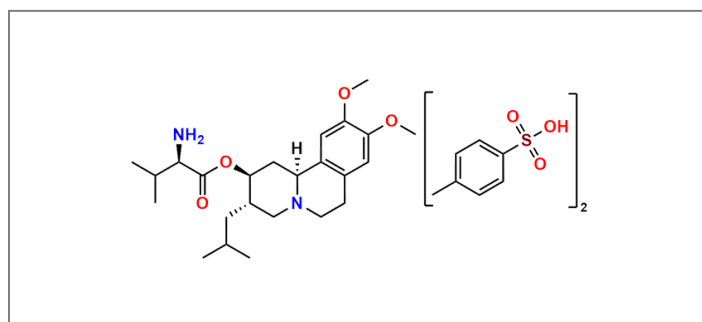
Re-test Date:

**Product Name: ent-Valbenazine Di-p-Toluenesulfonate**

### Identification:

Chemical Name: (2S,3S,11bS)-3-isobutyl-9,10-dimethoxy-1,3,4,6,7,11b-hexahydro-2H-pyrido[2,1-a]isoquinolin-2-yl D-valinate, 4-methylbenzenesulfonic acid (1:2)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-V37007  
Molecular Formula : C<sub>24</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub> : 2(C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>S)  
Molecular Weight : 418.58 : 2(172.20)



### 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.