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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Valbenazine Impurity 3**

### Identification:

Chemical Name: 3-isobutyl-9,10-dimethoxy-6,7-dihydropyrido[2,1-a]isoquinolin-5-ium tetrafluoroborate

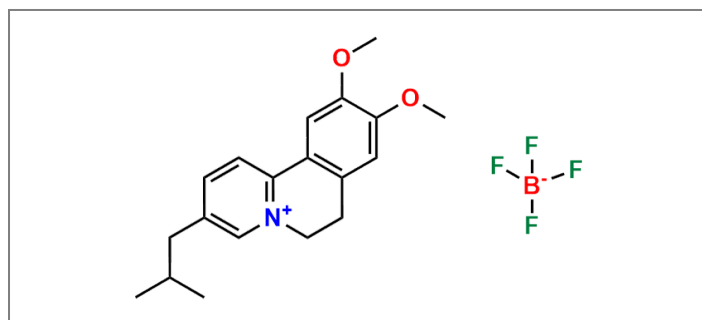
Synonyms : NA

CAS Number : NA

CAT Number : CP-V37008

Molecular Formula : C<sub>19</sub>H<sub>24</sub>NO<sub>2</sub> : BF<sub>4</sub>

Molecular Weight : 298.41 : 86.80



### 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.