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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Vinpocetine EP Impurity D**

### Identification:

Chemical Name: ethyl (41SR,12SR,13aSR)-13a-ethyl-2,3,4,1,5,6,12,13,13a-octahydro-1H-indolo[3,2,1-de]pyrido[3,2,1-ij][1,5]naphthyridine-12-carboxylate

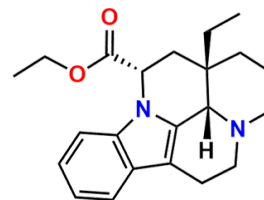
Synonyms : Dihydrovinpocetine

CAS Number : NA

CAT Number : CP-V50018

Molecular Formula : C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 352.48



### 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.