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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Vinpocetine Carboxylic Acid

Identification:

Chemical Name: (4S,13aS)-13a-ethyl-2,3,4,5,6,13a-hexahydro-1H-indolo[3,2,1-de]pyrido[3,2,1-ij][1,5]naphthyridine-12-carboxylic acid

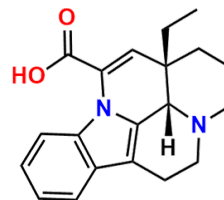
Synonyms : Apovincaminic Acid

CAS Number : 27773-65-5

CAT Number : CP-V50016

Molecular Formula : C₂₀H₂₂N₂O₂

Molecular Weight : 322.41



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.