

QUALITY SPECIFICATION

Vinpocetine

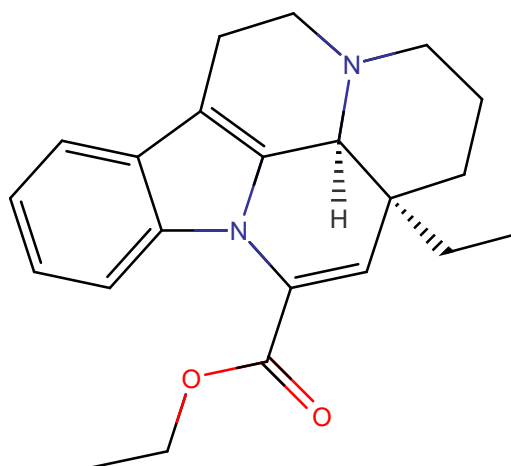
Catalog No.: NST-10-78

CAS No.: 42971-09-5

Molecular formula: $C_{22}H_{26}N_2O_2$

MW: 350.46

Shelf life: 24 months



No.	Parameter	Specification
1.	Appearance	Crystalline powder
2.	Color	White or slightly yellow
3.	Assay (on dried basis)	98.5 % - 101.5 %
4.	Loss on drying	≤0.5 %
5.	Residue on ignition	≤0.1 %
6.	Specific optical rotation	+127.0° to +134.0° (dried substances)
7.	IR	The infrared spectrum of the test sample should match with the standard
8.	Impurity A	≤0.6 %
9.	Impurity B	≤0.5 %
10.	Impurity C	≤0.3 %
11.	Impurity D	≤0.5 %
12.	Unspecified impurities	≤0.1 %
13.	Total impurities	≤1.0 %

14.	Heavy Metals	≤10 ppm
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Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored