

Rexar Technical Compound Datasheet

Product Name: Vinpocetine

Chemical Name: (3 α ,16 α)-Eburnamen-5 β ,20-diol(3 α ,16 α)-ethylester

CAS Number: 42971-09-5

PubChem CID: [443955](#)

Synonyms:

- Ethyl apovincamine
- Cavinton
- Vincamina ethyl ester
- Vinpocetinum

Chemical Information

Molecular Formula: C₂₂H₂₆N₂O₂

Molecular Weight: 350.46 g/mol

IUPAC Name: Ethyl (3 α ,16 α)-eburnamen-5 β ,20-diol-3-carboxylate

SMILES: CCOC(=O)[C@H]1CN2CCC3=C4CCCN5[C@H]4C@ @HC5

InChIKey: DCPYVGVLJXJVTE-LSDHHAIUSA-N

Appearance: White to off-white crystalline powder

Solubility: Soluble in ethanol, DMSO; slightly soluble in water

Applications

- Reference standard for indole-derived compounds
- Analytical control in spectroscopic (e.g. NMR, HPLC) or stability studies
- Method development in pharmaceutical compound screening
- Investigated in preclinical studies on vascular and neurological parameters*

Storage & Handling

Storage Temperature: Store at 2–8 °C in dry, dark conditions

Handling: Laboratory use only; wear appropriate PPE

Packaging: Supplied in sealed containers for research environments

Additional Notes

- For research and analytical use only
- Not intended for human or animal use
- For detailed properties and structure, see [PubChem CID 443955](#)