

Rexar Technical Compound Datasheet

Product Name: Vinpocetine

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

CAS Number: 42971-09-5

PubChem CID: [443955](#)

Synonyms:

- Ethyl apovincamate
- 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](#)