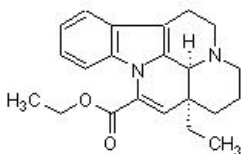


Product datasheet

Vinpocetine, PDE1 inhibitor ab144615

Overview

Product name	Vinpocetine, PDE1 inhibitor
Description	Cell-permeable PDE1 inhibitor
Biological description	Cell-permeable PDE1 inhibitor ($K_i = 14 \mu\text{M}$). Neuroprotective, vasodilator and nootropic agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	42971-09-5
Chemical structure	

Properties

Chemical name	(3 α ,16 α)-Eburnamenine-14-carboxylic acid ethyl ester
Molecular weight	350.45
Molecular formula	$\text{C}_{22}\text{H}_{26}\text{N}_2\text{O}_2$
PubChem identifier	443955
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 50 mM and in DMSO to 10 mM (with warming)
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CCC12CCCN3C1C4=C(CC3)C5=CC=CC=C5N4C(=C2)C(=O)OCC</chem>
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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