



## Product Information

**Product ID** V1769

**CAS No.** 152-11-4

**Chemical Name**  $\alpha$ -[3-[[2-(3,4-Dimethoxyphenyl)ethyl]methylamino]-propyl]-3,4-dimethoxy- $\alpha$ -(1-methylethyl)benzene- acetonitrile

**Synonym** Arpamyl, Berkatens, Calan, Cardiagett, Cordilox, Dignover, Geangin, Univer, Veraptin, Verexamil

**Formula** C<sub>27</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub> · HCl

**Formula Wt.** 491.07

**Melting Point** 138.5-140.5 °C(dec.)

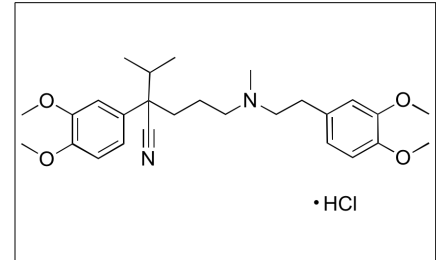
**Purity** ≥98%

**Solubility** Soluble in water, propylene glycol, methanol, or methylene chloride.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Verapamil is an inhibitor of L-type voltage-gated Ca<sup>2+</sup> channels that exhibits antihypertensive, anti-arrhythmic, and cardioprotective activities; it is classified as a class IV anti-arrhythmic. Verapamil treats hypertension and ventricular arrhythmia. In experiencing myocardial infarction, verapamil decreases secondary infarction rates.



**Bulk quantities available upon request**

| Product ID | Size |
|------------|------|
| V1769      | 1 g  |
| V1769      | 5 g  |
| V1769      | 25 g |

**References** Flynn JT, Pasko DA. Calcium channel blockers: pharmacology and place in therapy of pediatric hypertension. *Pediatr Nephrol.* 2000 Dec;15(3-4):302-16. PMID: 11149130.

Pepine CJ. The role of calcium antagonists in ischaemic heart disease. *Eur Heart J.* 1995 Aug;16 Suppl H:19-24. PMID: 8846801.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.