# abcam

### Product datasheet

## Verapamil hydrochloride, L-type Ca2+ channel blocker ab120140

3 References 画像数 1

## 医薬用外劇物

#### 製品の概要

製品名 Verapamil hydrochloride, L-type Ca2+ channel blocker

製品の詳細 L-type Ca<sup>2+</sup> channel blocker

生理活性の詳細 L-type Ca<sup>2+</sup> channel blocker. Antiarrhythmic *in vivo*.

Also available in simple stock solutions (ab146680) - add 1 ml of water to get an exact, ready-to-

use concentration.

**CAS 番号** 152-11-4

構造式

CH<sub>3</sub> NC CH<sub>3</sub> CH<sub>5</sub>

H<sub>3</sub>C O ... HCI

## 製品の特性

体系名 5-[N-(3,4-Dimethoxyphenylethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile

hydrochloride

分子量 491.06

**分子式** C<sub>27</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>.HCl

PubChem 登録番号 62969

保存方法 Store at Room Temperature. The product can be stored for up to 12 months.

溶解性 Soluble in water to 50 mM

使用に関する注意 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.

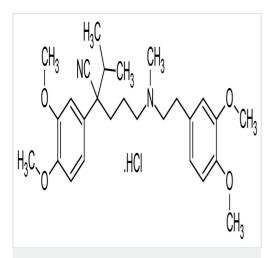
Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our  $\underline{\text{frequently asked questions}}$ 

(FAQ) page for more details.

Synthetic

#### 画像



Chemical Structure - Verapamil hydrochloride, Ltype Ca<sup>2+</sup> channel blocker (ab120140) 2D chemical structure image of ab120140, Verapamil hydrochloride, L-type Ca2+ channel blocker

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <a href="https://www.abcam.co.jp/abpromise">https://www.abcam.co.jp/abpromise</a> or contact our technical team.

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  identify how to use these products effectively. If you require further assistance please contact the scientific support team