

Catalogue Number	Product	Order number / Unit
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**5630 (+)-Verapamil hydrochloride**  
Reference standard for (+)-[<sup>11</sup>C]Verapamil

**Molar Mass:** 509.08

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

[38176-02-2]

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H NMR spectrum

**Chemical Name:**

CA index name: Benzeneacetonitrile, α-[3-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]propyl]-3,4-dimethoxy-α-(1-methylethyl)-, monohydrochloride, (αR)-

**Synonymes:**

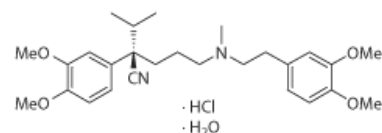
Benzeneacetonitrile, α-[3-[[2-(3,4-dimethoxyphenyl)ethyl]-methylamino]propyl]-3,4-dimethoxy-α-(1-methylethyl)-, monohydrochloride, (R)-; (+)-Verapamil hydrochloride; (R)-Verapamil hydrochloride; (R)-(+)-Verapamil monohydrochloride monohydrate; Dexverapamil monohydrochloride; LU 33925

**Literature:**

Luurtsema G. et al. Fully automated high yield synthesis of (R)- and (S)-[<sup>11</sup>C]verapamil for measuring p-glycoprotein function with positron emission tomography. J. Labelled Compd. Radiopharm. 2000, 45, 1199-1207.

Wegmann T.D. et al. An improved method for the preparation of [<sup>11</sup>C]verapamil. Appl. Radiat. Isot. 2002, 57, 505-507.

5630.0001: 1 mg per vial  
Please inquire for customized filling and bulk quantities.



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