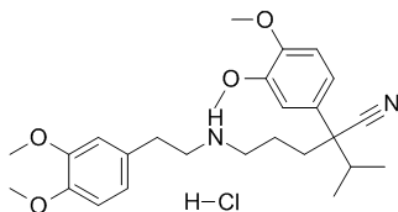


**Product Name** : Norverapamil hydrochloride  
**Cat. No.** : PC-42250  
**CAS No.** : 67812-42-4  
**Batch No.** : PC-4225001  
**Chemical Name** : Benzeneacetonitrile,  $\alpha$ -[3-[[2-(3,4-dimethoxyphenyl)ethyl]amino]propyl]-3,4-dimethoxy- $\alpha$ -(1-methylethyl)-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 477.036  
**Molecular Formula** : C<sub>26</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>4</sub>  
**Storage** : Powder  
-20°C 3 years  
4°C 2 years  
In solvent -80°C 6 months  
-20°C 1 month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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