

Rev. 11/18

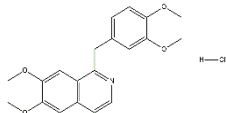
# Papaverine hydrochloride

**ALTERNATE NAME:** 6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride  
NSC 136630

**CATALOG #:** B2315-250  
B2315-50

**AMOUNT:** 250 mg  
50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>21</sub>NO<sub>4</sub> · HCl

**MOLECULAR WEIGHT:** 375.85

**CAS NUMBER:** 61-25-6

**APPEARANCE:** White solid

**PURITY:** ≥98%

**STORAGE:** Store at -20°C. Protect from air and light

**SOLUBILITY:** 25 mg/ml (H<sub>2</sub>O)

**REFERENCES:** Vardiman, A.B., et al. (1995). AJNR American Journal of Neuroradiology 16, 319-321

**DESCRIPTION:** An opium alkaloid that acts as a phosphodiesterase inhibitor (IC<sub>50</sub> = 13 μM). It increases cellular cAMP levels and alters cellular function. It has been shown to reduce arterial and cerebral vasospasm and has been used to treat erectile dysfunction.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

PF-0447943 (B1264)  
 AN-2728 (B2220)  
 EHNA hydrochloride (2265)  
 E6005 (RVT-501) (B2263)  
 Irsogladine maleate (B2187)  
 Ro 20-1724 (2042)  
 Milrinone (2163)  
 Roflumilast (2675)  
 Apremilast (2352)  
 Ibudilast (B1327)  
 Zaprinast (1715)  
 TAK-063 (B1067)  
 Sildenafil citrate (2872)  
 (R,S) -Rolipram (2010)  
 Cilostazol (2393)  
 Cilostamide (2560)  
 IBMX (1714)  
 Cilomilast (B2182)  
 Icaritin (B2261)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*