

Rev. 11/18

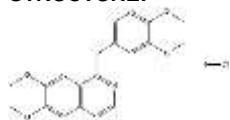
Papaverine hydrochloride

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

CATALOG #: B2315-250
B2315-50

AMOUNT: 250 mg
50 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{20}H_{21}NO_4 \cdot HCl$

MOLECULAR WEIGHT: 375.85

CAS NUMBER: 61-25-6

APPEARANCE: White solid

PURITY: $\geq 98\%$

SOLUBILITY: 25 mg/ml (H₂O)

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 (IC₅₀ = 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)
 Icariin (B2261)

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