Paroxetine . HCl

Highly potent and selective serotonin uptake inhibitor

Paroxetine is a highly potent and selective serotonin (5-HT) uptake inhibitor. It acts by binding to the serotonin transporter (SERT) with high affinity (K_i = 05 nM). *In vitro* paroxetine competitively inhibits the uptake of 5-HT by rat hypothalamic and cortical synaptosomes with only very weak effects on noradrenaline and dopamine uptake. Paroxetine is in clinical use for the treatment of depression, anxiety and other disorders.

Citations: 4 View Online »

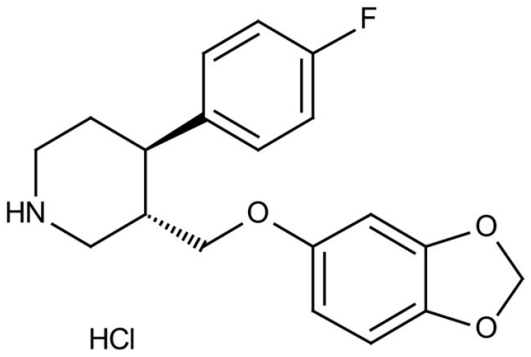
Ordering Information

Order Online »

BML-NS710-0100	100mg

Manuals, SDS & CofA

View Online »


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HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Paxil®, Paroxetine . HCl . hemihydrate
Appearance	White to off-white crystalline solid.
CAS	110429-35-1; 78246-49-8; 61869-08-7 (free base)
Couple Target	Serotonin transporter
Couple Type	Inhibitor
Formula	$C_{19}H_{20}FNO_3$. HCl . 1/2 H_2O
MW	374.8
Purity	≥98% (UHPLC)
Solubility	Soluble in DMSO (25mg/ml).

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