

Catalog	Unit
TBI1237-100MG	100 mg
TBI1237-500MG	500 mg

### Product Details

**Formal Name:** N-(2-Chloroethyl)-N-(1-methyl-2-phenoxyethyl)benzylamine hydrochloride

**Molecular Formula:** C<sub>18</sub>H<sub>22</sub>ClNO · HCl

**Formula Weight:** 340.29

**CAS Number:** 63-92-3

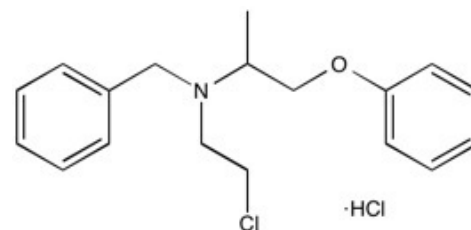
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml), or in Water (up to 15 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Calmodulin antagonist, alpha adrenergic antagonist

### Functions

Binds to and inhibits calmodulin in a calcium-dependent and irreversible manner (IC<sub>50</sub> = ca. 1 μM). A classical irreversible α adrenergic antagonist. A useful tool for irreversible inhibition of calmodulin. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), or in Water (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 3 months.

**For research use only.**