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**Product Data Sheet**

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Product Name: Lorcainide HCl

Cat. No.: GB40264

**Chemical Properties**

Cas. No. 58934-46-6

Formula  $C_{22}H_{27}ClN_2O \cdot HCl$ 

M.Wt

407.38

Solubility

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available sizes: ship with RT, or blue ice upon request.

Structure **Background**

Lorcainide hydrochloride (58934-46-6) is a voltage-gated Na channel blocker. Protects murine cultured cortical neurons from injury induced by oxygen-glucose deprivation. Acts at the ouabain binding site of guinea pig cardiac Na/K ATPase and inhibits the enzyme (IC<sub>50</sub> = 34 μM).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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