

Product Data Sheet

Product Name: Butoxamine hydrochloride

Cat. No.: GD05403

Chemical Properties

Cas. No. 5696-15-1

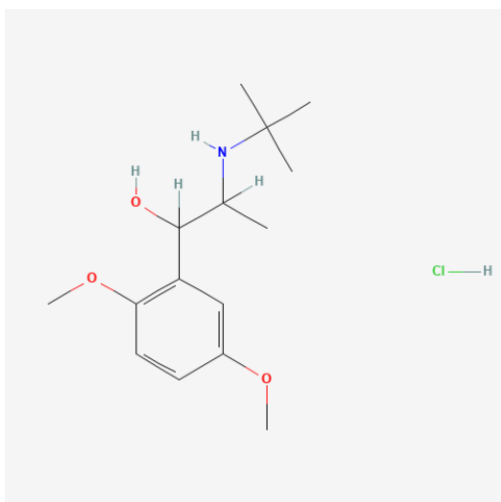
Formula $C_{15}H_{26}ClNO_3$ M.Wt 303.82

Solubility DMSO : 100 mg/mL (329.14 mM; Need ultrasonic) Storage Store at RT

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 size: ship with RT , or blue ice upon request.

Structure



Background

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

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Butaxamine (Butoxamin) hydrochloride is a specific α_2 -adrenergic receptor blocker. Butaxamine hydrochloride inhibits the decreases in urine volume in ethanol-anesthetized, water-diuretic rats.

Butaxamine hydrochloride (25 μ g/kg/min, 50 μ g/kg/min, 100 μ g/kg/min, 15 min; iv) promotes the level of urine volume in ethanol-anesthetized, water-diuretic rats^[1].

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