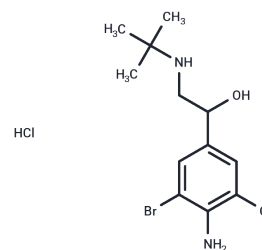


## Bromchlorbuterol hydrochloride

## Chemical Properties

CAS No. :	78982-84-0
Formula:	C <sub>12</sub> H <sub>19</sub> BrCl <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	358.1
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Bromchlorbuterol hydrochloride is a potent $\beta$ -adrenergic agonist ( $\beta$ -agonist) compound commonly employed in the investigation of pulmonary conditions such as pulmonary disease and asthma.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7925 mL	13.9626 mL	27.9252 mL
5 mM	0.5585 mL	2.7925 mL	5.585 mL
10 mM	0.2793 mL	1.3963 mL	2.7925 mL
50 mM	0.0559 mL	0.2793 mL	0.5585 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ruiguo Wang, et al. A paper-based competitive lateral flow immunoassay for multi  $\beta$ -agonist residues by using a single monoclonal antibody labelled with red fluorescent nanoparticles. *Mikrochim Acta*. 2018;185(3):191.

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