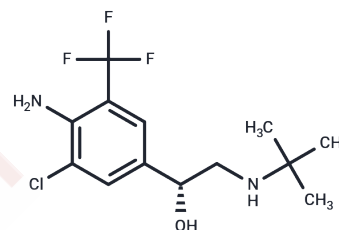


## Mabuterol, (R)-

## Chemical Properties

CAS No. :	56707-26-7
Formula:	C <sub>13</sub> H <sub>18</sub> ClF <sub>3</sub> N <sub>2</sub> O
Molecular Weight:	310.74
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	Mabuterol, (R)- is a D isoform of Mabuterol, which is a selective $\beta_2$ adrenoreceptor agonist. Mabuterol has been found to decrease the blood pressure in rats and increase heart rate and contractile force in guinea pigs. Mabuterol inhibited the positive inotropic effect of isoprenaline but has no effect on alpha-adrenergic, acetylcholine and histamine receptors.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2181 mL	16.0906 mL	32.1812 mL
5 mM	0.6436 mL	3.2181 mL	6.4362 mL
10 mM	0.3218 mL	1.6091 mL	3.2181 mL
50 mM	0.0644 mL	0.3218 mL	0.6436 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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