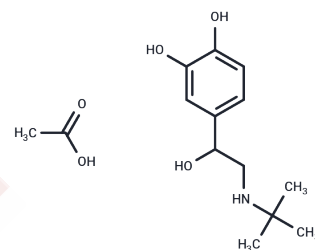


## Colterol acetate

## Chemical Properties

CAS No. :	10255-14-8
Formula:	C <sub>14</sub> H <sub>23</sub> NO <sub>5</sub>
Molecular Weight:	285.34
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	Colterol acetate is a selective $\beta$ -adrenergic receptor inhibitor that relaxes tracheal smooth muscle primarily through $\beta_2$ receptors, reduces subspastic contractions of tricholoma (acting on $\beta_2$ ), and enhances the contractility of left ventricular papillary muscles by targeting $\beta_1$ receptors.
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5046 mL	17.523 mL	35.0459 mL
5 mM	0.7009 mL	3.5046 mL	7.0092 mL
10 mM	0.3505 mL	1.7523 mL	3.5046 mL
50 mM	0.0701 mL	0.3505 mL	0.7009 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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