

## Mutabilol

## Chemical Properties

CAS No. :

Formula: C<sub>19</sub>H<sub>24</sub>O<sub>5</sub>

Molecular Weight: 332.39

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	Mutabilol, also known as compound 1, is a natural product derived from the leaves of <i>Plectranthus mutabilis</i> that acts as a potent regulator of P-glycoprotein (P-gp). It has been shown to increase P-gp expression in NCI-H460/R cells [1].
Targets(IC50)	Others,P-gp

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0085 mL	15.0426 mL	30.0851 mL
5 mM	0.6017 mL	3.0085 mL	6.017 mL
10 mM	0.3009 mL	1.5043 mL	3.0085 mL
50 mM	0.0602 mL	0.3009 mL	0.6017 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.

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