

BRL 37344 sodium

## Chemical Properties

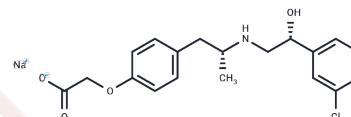
CAS No. : 127299-93-8

Formula: C<sub>19</sub>H<sub>22</sub>ClNNaO<sub>4</sub>

Molecular Weight: 386.83

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	BRL 37344 sodium is a specific agonist of the $\beta$ 3-adrenergic receptor. The treatment of BRL 37344 sodium significantly lowers the bodyweight of obese mice.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5851 mL	12.9256 mL	25.8511 mL
5 mM	0.517 mL	2.5851 mL	5.1702 mL
10 mM	0.2585 mL	1.2926 mL	2.5851 mL
50 mM	0.0517 mL	0.2585 mL	0.517 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

Wu C, et al. Activating brown adipose tissue for weight loss and lowering of blood glucose levels: a microPET study using obese and diabetic model mice. PLoS One. 2014 Dec 2;9(12):e113742.

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