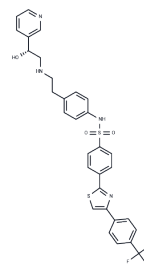


L-796568 free base

## Chemical Properties

CAS No. : 211031-01-5  
 Formula: C<sub>31</sub>H<sub>27</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>  
 Molecular Weight: 624.7  
 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	L-796568 free base is a $\beta$ 3 adrenergic receptor agonist potentially for the treatment of obesity. L-796568 is a potent full beta(3) agonist (EC <sub>50</sub> : 3.6 nM). It has 600-fold selectivity over the human beta(1) and beta(2) receptors.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6008 mL	8.0038 mL	16.0077 mL
5 mM	0.3202 mL	1.6008 mL	3.2015 mL
10 mM	0.1601 mL	0.8004 mL	1.6008 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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

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Larsen TM, Toubro S, van Baak MA, Gottesdiener KM, Larson P, Saris WH, Astrup A. Effect of a 28-d treatment with L-796568, a novel beta(3)-adrenergic receptor agonist, on energy expenditure and body composition in obese men. *Am J Clin Nutr*. 2002 Oct;76(4):780-8. PubMed PMID: 12324291.

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