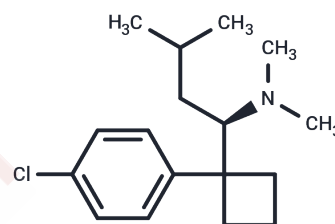


## R-(+)-Sibutramine

## Chemical Properties

CAS No. :	154752-44-0
Formula:	C <sub>17</sub> H <sub>26</sub> ClN
Molecular Weight:	279.85
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	R-(+)-Sibutramine ((+)-Sibutramine) represents one enantiomer of sibutramine, noted for its anorexic effects and oral activity [1].
In vivo	R-(+)-Sibutramine ((+)-Sibutramine) administered orally at doses of 0–20 mg/kg demonstrates an anorexic effect in Wistar albino rats weighing 300–400 g, regardless of sex [1]. The substance was given once, with doses including 5, 10, and 20 mg/kg. The results indicated a more pronounced anorexic effect compared to its racemic mixture (RS)-sibutramine and the (S)-enantiomers.'

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5733 mL	17.8667 mL	35.7334 mL
5 mM	0.7147 mL	3.5733 mL	7.1467 mL
10 mM	0.3573 mL	1.7867 mL	3.5733 mL
50 mM	0.0715 mL	0.3573 mL	0.7147 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481