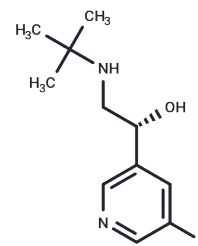


ATR-258

## Chemical Properties

CAS No. : 2301983-88-8  
 Formula: C<sub>11</sub>H<sub>17</sub>FN<sub>2</sub>O  
 Molecular Weight: 212.26  
 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	ATR-258 is a GRK2-biased partial agonist of $\beta$ 2AR. It acts as a competitive antagonist of $\beta$ 1AR and exhibits weak partial agonist activity on $\beta$ 3AR at a concentration of 10 $\mu$ M. ATR-258 enhances glycemic control and reduces lipid accumulation in obese mice with minimal side effects. It is applicable in research on type 2 diabetes (T2DM).
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7112 mL	23.556 mL	47.112 mL
5 mM	0.9422 mL	4.7112 mL	9.4224 mL
10 mM	0.4711 mL	2.3556 mL	4.7112 mL
50 mM	0.0942 mL	0.4711 mL	0.9422 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481