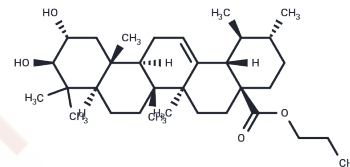


## RMGPa-IN-1

## Chemical Properties

CAS No. :	958237-73-5
Formula:	C <sub>33</sub> H <sub>54</sub> O <sub>4</sub>
Molecular Weight:	514.779
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	RMGPa-IN-1 (Compound 10C) is an inhibitor of rabbit muscle glycogen phosphorylase a (RMGPa), exhibiting an IC <sub>50</sub> value of 82.5 μM. This compound holds potential for research in diabetes.
Targets(IC <sub>50</sub> )	Phosphorylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9426 mL	9.7129 mL	19.4258 mL
5 mM	0.3885 mL	1.9426 mL	3.8852 mL
10 mM	0.1943 mL	0.9713 mL	1.9426 mL
50 mM	0.0389 mL	0.1943 mL	0.3885 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