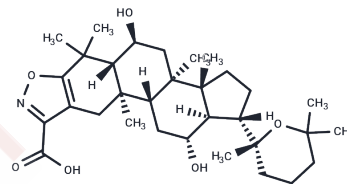


## Anti-MI/R injury agent 1

## Chemical Properties

CAS No. :	2387506-35-4
Formula:	C <sub>32</sub> H <sub>49</sub> N <sub>1</sub> O <sub>6</sub>
Molecular Weight:	543.73
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	Anti-MI/R injury agent 1 (compound 18), derived from Panaxatriol, is an orally administered, potent agent against myocardial ischemia/reperfusion (MI/R) injury. It improves cell viability in cardiomyocytes subjected to oxygen-glucose deprivation and reperfusion (OGD/R)-induced injury, significantly reduces myocardial infarction size, diminishes levels of circulating cardiac troponin I (cTnI), and mitigates cardiac tissue damage in rat models [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8391 mL	9.1957 mL	18.3915 mL
5 mM	0.3678 mL	1.8391 mL	3.6783 mL
10 mM	0.1839 mL	0.9196 mL	1.8391 mL
50 mM	0.0368 mL	0.1839 mL	0.3678 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