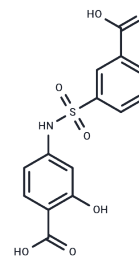


PFKFB3-IN-2

## Chemical Properties

CAS No. : 794552-84-4  
 Formula: C<sub>14</sub>H<sub>11</sub>NO<sub>7</sub>S  
 Molecular Weight: 337.3  
 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	PFKFB3-IN-2 is an inhibitor of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (PFKFB3). Anti-sense treatment against PFKFB3 has demonstrated a reduction in tumor growth rate in vivo.
Targets(IC50)	Glucokinase,Phosphatase

## Solubility Information

Solubility	DMSO: 25 mg/mL (74.12 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9647 mL	14.8236 mL	29.6472 mL
5 mM	0.5929 mL	2.9647 mL	5.9294 mL
10 mM	0.2965 mL	1.4824 mL	2.9647 mL
50 mM	0.0593 mL	0.2965 mL	0.5929 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

Fedichev P, et al. Pfkfb3 inhibitors and their uses. World Intellectual Property Organization. WO2020080979.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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