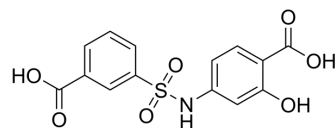


PFKFB3-IN-2

Cat. No.:	HY-153077		
CAS No.:	794552-84-4		
Molecular Formula:	C ₁₄ H ₁₁ NO ₇ S		
Molecular Weight:	337.3		
Target:	Phosphatase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (370.59 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

PFKFB3-IN-2 is a 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (PFKFB3) inhibitor. PFKFB3-IN-2 has potential applications in cancer, neurodegenerative diseases, autoimmune diseases, inflammatory diseases, multiple sclerosis, metabolic diseases, angiogenesis inhibition and other diseases^[1].

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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