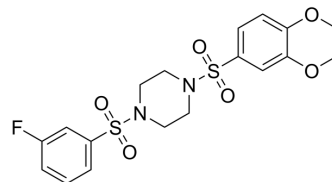


PKM2 activator 5

Cat. No.:	HY-148324		
CAS No.:	796092-26-7		
Molecular Formula:	C ₁₈ H ₁₉ FN ₂ O ₆ S ₂		
Molecular Weight:	442.48		
Target:	Pyruvate Kinase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (113.00 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2600 mL	11.2999 mL	22.5999 mL
	5 mM	0.4520 mL	2.2600 mL	4.5200 mL
	10 mM	0.2260 mL	1.1300 mL	2.2600 mL

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

BIOLOGICAL ACTIVITY

Description

PKM2 activator 5 (compound 8) is a PKM2 activator with an AC₅₀ value of 0.316 μM. PKM2 activator 5 has the potential to alter the aberrant metabolism of cancer cells^[1].

IC₅₀ & Target

PKM2^[1].

REFERENCES

[1]. Boxer MB, et al. Evaluation of substituted N,N'-diarylsulfonamides as activators of the tumor cell specific M2 isoform of pyruvate kinase. J Med Chem. 2010 Feb 11;53(3):1048-55.

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

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