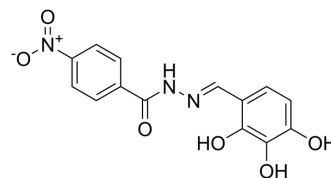


Hexokinase 2 inhibitor 1

Cat. No.:	HY-134929		
CAS No.:	2454676-05-0		
Molecular Formula:	C ₁₄ H ₁₁ N ₃ O ₆		
Molecular Weight:	317.25		
Target:	Hexokinase		
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 (394.01 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1521 mL	15.7604 mL	31.5209 mL
	5 mM	0.6304 mL	3.1521 mL	6.3042 mL
	10 mM	0.3152 mL	1.5760 mL	3.1521 mL

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

BIOLOGICAL ACTIVITY

Description

Hexokinase 2 inhibitor 1 (Compound 2a) is a hexokinase 2 (HK2) inhibitor with anti-tumor activity and can be used in cancer research^[1].

REFERENCES

[1]. Juszczak K, et al. Hexokinase 2 Inhibition and Biological Effects of BNBZ and Its Derivatives: The Influence of the Number and Arrangement of Hydroxyl Groups. *Int J Mol Sci.* 2022 Feb 27;23(5):2616.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA