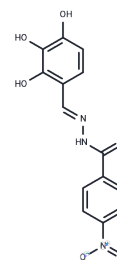


Benitrobenrazide

Chemical Properties

CAS No. :	2454676-05-0
Formula:	C ₁₄ H ₁₁ N ₃ O ₆
Molecular Weight:	317.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Benitrobenrazide (Hexokinase 2 inhibitor 1) is a hexokinase 2 inhibitor with anticancer and antitumor activity. Benitrobenrazide inhibits the growth of tumors and can be used in cancer research.
Targets(IC50)	Hexokinase

Preparing Stock Solutions

	1mg	5mg	10mg
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	1.576 mL	3.1521 mL
50 mM	0.063 mL	0.3152 mL	0.6304 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.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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