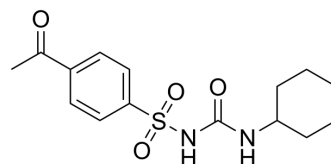


Acetohexamide

Cat. No.:	HY-B0881		
CAS No.:	968-81-0		
Molecular Formula:	C ₁₅ H ₂₀ N ₂ O ₄ S		
Molecular Weight:	324.4		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (77.07 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.0826 mL	15.4131 mL	30.8261 mL
		5 mM	0.6165 mL	3.0826 mL	6.1652 mL
		10 mM	0.3083 mL	1.5413 mL	3.0826 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (7.71 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.71 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Acetohexamide is a first-generation sulfonylurea medication used to treat diabetes mellitus type 2; stimulate the pancreas to secrete insulin.
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Caution: Product has not been fully validated for medical applications. For research use only.

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