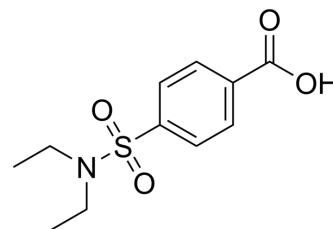


Etebenecid

Cat. No.:	HY-B0939
CAS No.:	1213-06-5
Molecular Formula:	C ₁₁ H ₁₅ NO ₄ S
Molecular Weight:	257.31
Target:	Others
Pathway:	Others
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 : 250 mg/mL (971.59 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		3.8864 mL	19.4318 mL	38.8636 mL
		5 mM		0.7773 mL	3.8864 mL	7.7727 mL
		10 mM		0.3886 mL	1.9432 mL	3.8864 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: ≥ 2.08 mg/mL (8.08 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (8.08 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (8.08 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Etebenecid is a uricosuric agents, lower uric acid levels in the body by increasing the elimination of uric acid by the kidneys, also inhibits penicillin tubular secretion.
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Caution: Product has not been fully validated for medical applications. For research use only.

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