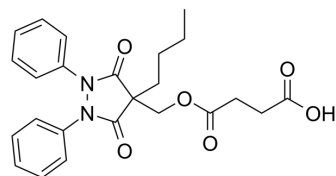


Suxibuzone

Cat. No.:	HY-B1079		
CAS No.:	27470-51-5		
Molecular Formula:	C ₂₄ H ₂₆ N ₂ O ₆		
Molecular Weight:	438.47		
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 : ≥ 100 mg/mL (228.07 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2807 mL	11.4033 mL	22.8066 mL
	5 mM	0.4561 mL	2.2807 mL	4.5613 mL
	10 mM	0.2281 mL	1.1403 mL	2.2807 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (5.70 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (5.70 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.70 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Suxibuzone is a drug used for joint and muscular pain, is a prodrug of the non steroidal anti inflammatory drug Phenylbutazone.

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

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