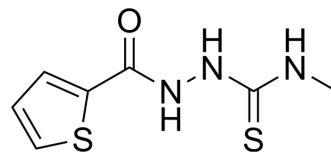


KM02894

Cat. No.:	HY-W276106		
CAS No.:	116850-74-9		
Molecular Formula:	C ₇ H ₉ N ₃ OS ₂		
Molecular Weight:	215.3		
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 : 33.33 mg/mL (154.81 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.6447 mL	23.2234 mL	46.4468 mL
	5 mM	0.9289 mL	4.6447 mL	9.2894 mL
	10 mM	0.4645 mL	2.3223 mL	4.6447 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 (11.61 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.61 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.61 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

KM02894 is an inhibitor of glutamate release. Cancer cells release high levels of glutamate, which disrupts normal bone turnover and may lead to cancer-induced bone pain. KM02894 can be used for cancer related research^[1].

REFERENCES

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