Data Sheet (Cat.No.T77581)



KM02894

Chemical Propert	ties
CAS No. :	116850-74-9
Formula:	C7H9N3OS2 0
Molecular Weight:	
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description	
Description	KM02894 is a glutamate release inhibitor. Cancer cells release high levels of glutamate that can disrupt normal bone turnover, which can lead to cancer-induced bone pain.KM02894 may be used in the study of tumor-related diseases.
Targets(IC50)	GluR

Solubility Information				
Solubility	DMSO: 30.0 mg/mL (139.3 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)			

Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0929 mL	0.4645 mL	0.9289 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

Fazzari J, et al. Inhibitors of glutamate release from breast cancer cells; new targets for cancer-induced bonepain. Sci Rep. 2015;5:8380.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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