



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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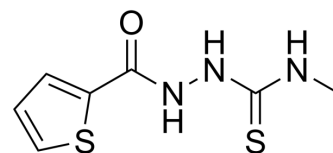
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KM02894

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	1. 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					
	2. 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					
	3. 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] .
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REFERENCES

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

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