



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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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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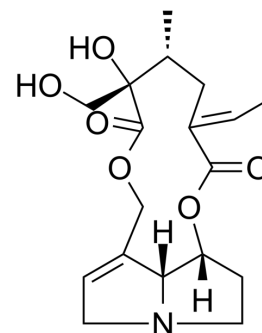
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Usaramine

Cat. No.:	HY-N6931
CAS No.:	15503-87-4
Molecular Formula:	C ₁₈ H ₂₅ NO ₆
Molecular Weight:	351.39
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (284.58 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.8458 mL	14.2292 mL	28.4584 mL
		5 mM	0.5692 mL	2.8458 mL	5.6917 mL
		10 mM	0.2846 mL	1.4229 mL	2.8458 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.11 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.11 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.11 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Usaramine is a pyrrolizidine alkaloid isolated from seeds of <i>Crotalaria pallida</i> . Usaramine demonstrates a highlighted antibiofilm activity against <i>Staphylococcus epidermidis</i> by reducing more than 50% of biofilm formation without killing the bacteria ^[1] .
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REFERENCES

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

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