



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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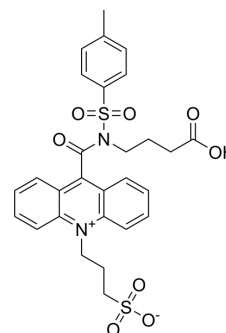
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## NSP-AS

<b>Cat. No.:</b>	HY-D0891
<b>CAS No.:</b>	211106-69-3
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>28</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	584.66
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°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

<b>In Vitro</b>	DMSO : 14.29 mg/mL (24.44 mM); ultrasonic and warming and adjust pH to 2 with HCl and heat to 60°C)				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>			
		<b>1 mM</b>	1.7104 mL	8.5520 mL	17.1040 mL
		<b>5 mM</b>	0.3421 mL	1.7104 mL	3.4208 mL
	<b>10 mM</b>	0.1710 mL	0.8552 mL	1.7104 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.43 mg/mL (2.45 mM); Clear solution				

## BIOLOGICAL ACTIVITY

<b>Description</b>	NSP-AS is chemiluminescent acridinium substrate II and can be used in homo geneous assays <sup>[1]</sup> .
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## REFERENCES

[1]. Anand A, et al. Novel Applications of Acridinium Compounds and Derivatives in Homogeneous Assays. Patent US2009029349.

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

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