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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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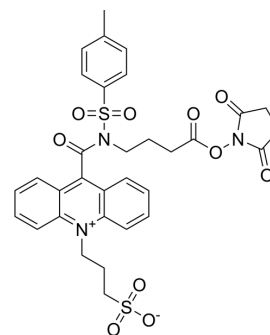
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NSP-SA-NHS

Cat. No.:	HY-D0893
CAS No.:	199293-83-9
Molecular Formula:	C ₃₂ H ₃₁ N ₃ O ₁₀ S ₂
Molecular Weight:	681.73
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-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

In Vitro

DMSO : 11.36 mg/mL (16.66 mM); ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4669 mL	7.3343 mL	14.6686 mL
	5 mM	0.2934 mL	1.4669 mL	2.9337 mL
	10 mM	0.1467 mL	0.7334 mL	1.4669 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

NSP-SA-NHS is an acridinium ester that can be used for chemiluminescent immunoassay. A rapid and sensitive chemiluminescent immunoassay of Bisphenol A (BPA) with NSP-SA-NHS-labeled has been developed^[1].

In Vitro

NSP-SA-NHS marking^[1]

- ?(1) 1mg BSA was dissolved in 0.3 mL PBS (solution A), and 0.2 mg NSP-SA-NHS was dissolved in 40 µL DMF (solution B).
 - ?(2) Add solution B to solution A, mix at 18°C, 130 rpm, and dark for 12 h.
 - ?(3) The mixture was dialyzed with 500 mL of distilled water at 4°C for 2 d, during which distilled water was changed twice (solution C).
 - ?(4) Slowly add solution B to solution C, mix at 18°C, 130 rpm, and dark for 24 h, and then dialysis with distilled water for 48 h. During this period, change distilled water four times.
 - ?(5) Dilute the coupling compound with distilled water to a suitable concentration, and analyze it with an ultraviolet spectrophotometer.
- MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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