



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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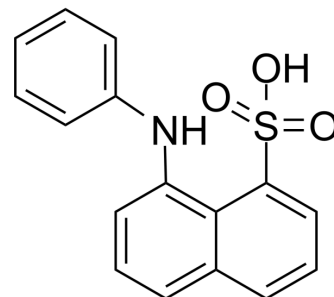
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ANS

Cat. No.:	HY-D0896
CAS No.:	82-76-8
Molecular Formula:	C ₁₆ H ₁₃ NO ₃ S
Molecular Weight:	299.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (6.95 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (6.95 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

8-Anilino-1-naphthalenesulfonic acid ammonium is a potent antibacterial agent and a textile dye. 8-Anilino-1-naphthalenesulfonic acid ammonium can be used as fluorescence probe. 8-Anilino-1-naphthalenesulfonic acid ammonium blocks the binding of triiodothyronine to thyroxine binding globulin in radioimmunoassay of triiodothyronine^{[1][2][3]}.

REFERENCES

- [1]. Polak J, et al. Bioactive Properties of a Novel Antibacterial Dye Obtained from Laccase-Mediated Oxidation of 8-Anilino-1-naphthalenesulfonic Acid. *Molecules*. 2022 Jan 13;27(2):487.
- [2]. J.Am. Chem, et al. Picosecond studies of the fluorescence probe molecule 8-anilino-1-naphthalenesulfonic acid. *Soc*. 1978, 100, 23, 7145–7150
- [3]. Brown ML, et al. Use of 8-anilino-1-naphthalenesulfonic acid in radioimmunoassay of triiodothyronine. *J Pharm Sci*. 1974 Aug;63(8):1214-7.

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

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