SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pregnanolone sulfate (pyridinium)

Cat. No.: HY-W742957

CAS No.: 124107-39-7

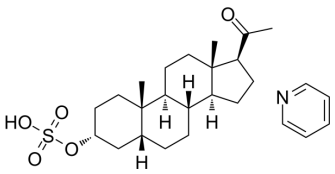
Molecular Formula: $C_{26}H_{39}NO_5S$

Molecular Weight: 477.66

Target: iGluR

Pathway: Membrane Transporter/Ion Channel; Neuronal Signaling

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 (209.35 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.0935 mL	10.4677 mL	20.9354 mL
	5 mM	0.4187 mL	2.0935 mL	4.1871 mL
	10 mM	0.2094 mL	1.0468 mL	2.0935 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 (5.23 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (5.23 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Pregnanolone sulfate pyridinium is an endogenous neurosteroid that inhibits NMDA receptors and is neuroprotective[1].

REFERENCES

[1]. Jirina Borovska, et al. Access of inhibitoryneurosteroids to theNMDA receptor.2011 The British Pharmacological Society.

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

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