



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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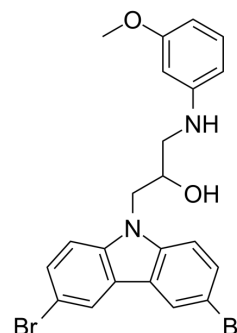
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P7C3-OMe

Cat. No.:	HY-128856
CAS No.:	313268-18-7
Molecular Formula:	C ₂₂ H ₂₀ Br ₂ N ₂ O ₂
Molecular Weight:	504.21
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (198.33 mM)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9833 mL	9.9165 mL	19.8330 mL
	5 mM		0.3967 mL	1.9833 mL	3.9666 mL
	10 mM		0.1983 mL	0.9917 mL	1.9833 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.96 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.96 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

P7C3-OMe is a pro-neurogenic compound, has therapeutic benefits in neuropsychiatric and/or neurodegenerative disease. The R-enantiomer of P7C3-OMe is far more active than the S-enantiomer^[1].

REFERENCES

[1]. Pieper AA, et al. Discovery of a proneurogenic, neuroprotective chemical. Cell. 2010 Jul 9;142(1):39-51.

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

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