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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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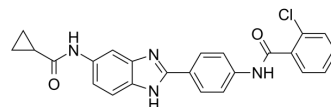
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NR2E3 agonist 1

Cat. No.:	HY-161115
CAS No.:	911211-69-3
Molecular Formula:	C ₂₄ H ₁₉ ClN ₄ O ₂
Molecular Weight:	430.89
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (232.08 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.3208 mL	11.6039 mL	23.2078 mL
		5 mM		0.4642 mL	2.3208 mL	4.6416 mL
		10 mM		0.2321 mL	1.1604 mL	2.3208 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 (5.80 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	NR2E3 agonist 1 (Compound 11a) is a small molecule agonist of the photoreceptor-specific nuclear receptor (NR2E3) with an EC ₅₀ value of less than 200 nM. NR2E3 agonist 1 can be used in retinitis pigmentosa research ^[1] .
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REFERENCES

[1]. Wolkenberg SE, et al. Identification of potent agonists of photoreceptor-specific nuclear receptor (NR2E3) and preparation of a radioligand. Bioorg Med Chem Lett. 2006 Oct 1;16(19):5001-4.

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

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