



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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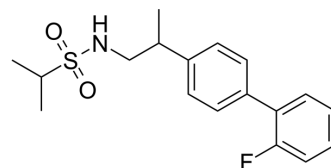
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AMPA receptor modulator-3

Cat. No.:	HY-122150		
CAS No.:	211311-39-6		
Molecular Formula:	C ₁₈ H ₂₂ FNO ₂ S		
Molecular Weight:	335.44		
Target:	iGluR		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (745.29 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9812 mL	14.9058 mL	29.8116 mL
	5 mM		0.5962 mL	2.9812 mL	5.9623 mL
	10 mM		0.2981 mL	1.4906 mL	2.9812 mL

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

BIOLOGICAL ACTIVITY

Description	AMPA receptor modulator-3 is an allosteric AMPA receptor modulator (EC ₅₀ : 4.4 μM). AMPA receptor modulator-3 can be used in the research of mammalian nervous system, such as learning and memory ^{[1][2]} .
IC ₅₀ & Target	AMPA Receptor 4.4 μM (EC ₅₀)
In Vitro	AMPA receptor modulator-3 (Compound 5e) shows an EC ₅₀ value of 4.4 μM for potentiation of responses mediated by 100 μM L-glutamate in HEK-293 cells expressing iGluR4 flip ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kasper Harpsøe, et al. Prediction of the binding mode of biarylpropylsulfonamide allosteric AMPA receptor modulators based on docking, GRID molecular interaction

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

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