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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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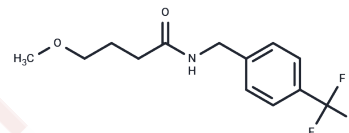
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



GET73

Chemical Properties

CAS No. :	202402-01-5
Formula:	C ₁₃ H ₁₆ F ₃ NO ₂
Molecular Weight:	275.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	GET73 (Gamma hydroxybutyric acid analogue) is an negative allosteric modulator of mGluR5. GET73 is a naturally occurring neurotransmitter. GET73 has anti-alcohol and anxiolytic properties.
Targets(IC50)	GluR
In vitro	GET73 (1 μ M, 10 μ M; 1 hour) 1 hour before and during chronic ethanol exposure prevents ethanol-induced a reduction of cell viability, an alteration of cytoskeleton, an increase of reactive oxygen species production and a decrease in extracellular glutamate levels.
In vivo	GET73 exerts an anxiolytic effect in Sprague-Dawley rats exposed to the elevated plus maze (EPM) test.

Solubility Information

Solubility	DMSO: 97 mg/mL (352.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6328 mL	18.164 mL	36.328 mL
5 mM	0.7266 mL	3.6328 mL	7.2656 mL
10 mM	0.3633 mL	1.8164 mL	3.6328 mL
50 mM	0.0727 mL	0.3633 mL	0.7266 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Tomasini MC, et al. GET73 Prevents Ethanol-Induced Neurotoxicity in Primary Cultures of Rat Hippocampal Neurons. Alcohol Alcohol. 2016 Mar;51(2):128-35.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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