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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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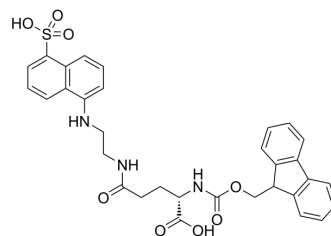
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N2-(((9H-Fluoren-9-yl)methoxy)carbonyl)-N2-(2-((5-sulfonaphthalen-1-yl)amino)ethyl)-L-glutamine

Cat. No.:	HY-W048913		
CAS No.:	193475-66-0		
Molecular Formula:	C ₃₂ H ₃₁ N ₃ O ₈ S		
Molecular Weight:	617.67		
Target:	Others		
Pathway:	Others		
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 : 125 mg/mL (202.37 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6190 mL	8.0949 mL	16.1899 mL
				5 mM	0.3238 mL	1.6190 mL	3.2380 mL
				10 mM	0.1619 mL	0.8095 mL	1.6190 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: ≥ 2.08 mg/mL (3.37 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.37 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.37 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	N2-(((9H-Fluoren-9-yl)methoxy)carbonyl)-N2-(2-((5-sulfonaphthalen-1-yl)amino)ethyl)-L-glutamine is a glutamine derivative [1].
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances ^[1] .

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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