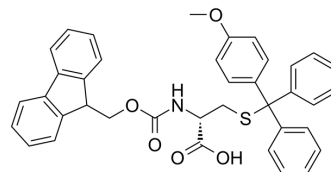


N-(((9H-Fluoren-9-yl)methoxy)carbonyl)-S-((4-methoxyphenyl)diphenylmethyl)-D-cysteine

Cat. No.:	HY-W037120
CAS No.:	1198791-73-9
Molecular Formula:	C ₃₈ H ₃₃ NO ₅ S
Molecular Weight:	615.74
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	<div> <div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> </div> <div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (406.02 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		1.6241 mL	8.1203 mL	16.2406 mL
		5 mM		0.3248 mL	1.6241 mL	3.2481 mL
		10 mM		0.1624 mL	0.8120 mL	1.6241 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.38 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	N-(((9H-Fluoren-9-yl)methoxy)carbonyl)-S-((4-methoxyphenyl)diphenylmethyl)-D-cysteine is a cysteine derivative ^[1] .
In Vitro	<p>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].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

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

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