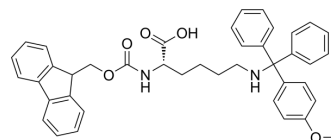


## N2-(((9H-Fluoren-9-yl)methoxy)carbonyl)-N6-((4-methoxyphenyl)diphenylmethyl)-L-lysine

Cat. No.:	HY-W048704
CAS No.:	159857-60-0
Molecular Formula:	C <sub>41</sub> H <sub>40</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	640.77
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (156.06 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		1.5606 mL	7.8031 mL	15.6062 mL
		5 mM		0.3121 mL	1.5606 mL	3.1212 mL
		10 mM		0.1561 mL	0.7803 mL	1.5606 mL
		Please refer to the solubility information to select the appropriate solvent.				

### BIOLOGICAL ACTIVITY

Description	N2-(((9H-Fluoren-9-yl)methoxy)carbonyl)-N6-((4-methoxyphenyl)diphenylmethyl)-L-lysine is a lysine derivative <sup>[1]</sup> .
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<sup>[1]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### 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.

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

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