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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

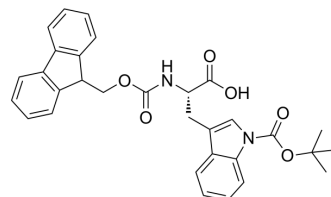
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Fmoc-L-Trp(Boc)-OH

Cat. No.:	HY-W008034
CAS No.:	143824-78-6
Molecular Formula:	C ₃₁ H ₃₀ N ₂ O ₆
Molecular Weight:	526.58
Target:	Amino Acid Derivatives
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 : 100 mg/mL (189.90 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.8990 mL	9.4952 mL	18.9905 mL
		5 mM		0.3798 mL	1.8990 mL	3.7981 mL
		10 mM		0.1899 mL	0.9495 mL	1.8990 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: ≥ 2.5 mg/mL (4.75 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-L-Trp(Boc)-OH is an amino acid derivative with a protective group, which has the ability to self-assemble and form nanoparticles. Fmoc-L-Trp(Boc)-OH can be used in the study of anticancer drug delivery ^[1] .
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REFERENCES

[1]. Dube, et al. Nanoparticles generated from a tryptophan derivative: physical characterization and anti-cancer drug delivery. Amino Acids 49 (2017): 975-993.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA