



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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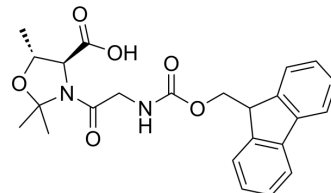
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## Fmoc-Gly-Thr(ψ(Me,Me)pro)-OH

Cat. No.:	HY-P2402
CAS No.:	1262308-49-5
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	438.47
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Sealed storage, away from moisture Powder    -80°C    2 years -20°C    1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (570.16 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.2807 mL	11.4033 mL	22.8066 mL
		5 mM	0.4561 mL	2.2807 mL	4.5613 mL
10 mM		0.2281 mL	1.1403 mL	2.2807 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 (4.74 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.74 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.74 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Fmoc-Gly-Thr(ψ(Me,Me)pro)-OH is a dipeptide <sup>[1]</sup> .
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### REFERENCES

[1]. Yuankun Dao, et al. α-Selective Lysine Ligation and Application in Chemical Synthesis of Interferon Gamma. Org Lett. 2019 May 3;21(9):3265-3270.

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

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