



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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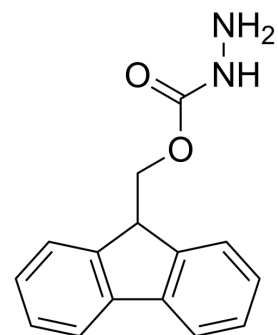
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## 9-Fluorenylmethyl carbazate

<b>Cat. No.:</b>	HY-W017873		
<b>CAS No.:</b>	35661-51-9		
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	254.28		
<b>Target:</b>	Fluorescent Dye		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (196.63 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9327 mL	19.6634 mL	39.3267 mL
5 mM	0.7865 mL	3.9327 mL	7.8653 mL
10 mM	0.3933 mL	1.9663 mL	3.9327 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1.25 mg/mL (4.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 1.25 mg/mL (4.92 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

9-Fluorenylmethyl carbazate is used as a fluorophore reagent for a fluorimetric detection of glycans<sup>[1]</sup>.

### REFERENCES

- [1]. Kinoshita M, et al. A practical method for preparing fluorescent-labeled glycans with a 9-fluorenylmethyl derivative to simplify a fluorimetric HPLC-based analysis. J Pharm Biomed Anal. 2020 Jul 15;186:113267.

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

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