



# 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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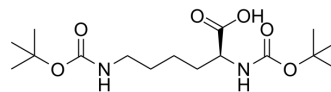
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## (S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid

<b>Cat. No.:</b>	HY-W007599		
<b>CAS No.:</b>	2483-46-7		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	346.42		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid is a polypeptide derivative, can be used to synthesis multifunctional amphiphilic peptide dendrimer, as a nonviral gene vectors, realizes the method in cancer research. (S)-2,6-Bis((tert-butoxycarbonyl)amino)hexanoic acid also involves in the synthesis of an organic substance that increases the luminescence intensity of alkaline phosphatase substrates<sup>[1][2]</sup>.

### REFERENCES

[1]. Liu XY, et al. Multifunctional amphiphilic peptide dendrimer as nonviral gene vectors for effective cancer therapy via combined gene/photodynamic therapies. *Colloids Surf B Biointerfaces*. 2022 Jun 20;217:112651.

[2]. Huang J, et al. Preparation of fluorescein-based organic substance for enhancing luminescence intensity of alkaline phosphatase substrate and luminescence enhancer: China, CN114685417, 2022-07-01.

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

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