



# 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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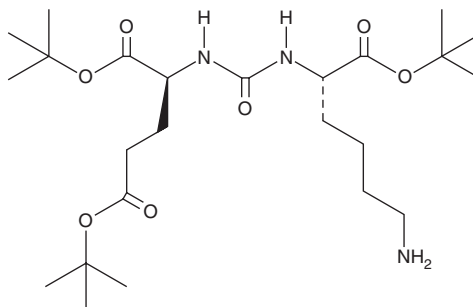
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# PRODUCT INFORMATION

## Di-*tert*-butyl (((S)-6-amino-1-(*tert*-butoxy)-1-oxohexan-2-yl)carbamoyl)-L-glutamate

Item No. 39616

**CAS Registry No.:** 1025796-31-9  
**Formal Name:** N-[[[(1S)-5-amino-1-[(1,1-dimethylethoxy)carbonyl]pentyl]amino]carbonyl]-L-glutamic acid, 1,5-bis(1,1-dimethylethyl) ester  
**MF:** C<sub>24</sub>H<sub>45</sub>N<sub>3</sub>O<sub>7</sub>  
**FW:** 487.6  
**Purity:** ≥95%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

Di-*tert*-butyl (((S)-6-amino-1-(*tert*-butoxy)-1-oxohexan-2-yl)carbamoyl)-L-glutamate is supplied as a solid. A stock solution may be made by dissolving the di-*tert*-butyl (((S)-6-amino-1-(*tert*-butoxy)-1-oxohexan-2-yl)carbamoyl)-L-glutamate in water. We do not recommend storing the aqueous solution for more than one day.

### Description

Di-*tert*-butyl (((S)-6-amino-1-(*tert*-butoxy)-1-oxohexan-2-yl)carbamoyl)-L-glutamate is a synthetic intermediate that has been used in the synthesis of prostate-specific membrane antigen-targeted radioconjugates with anticancer activity.<sup>1</sup>

### Reference

1. Santos, J.F., Braz, M.T., Raposinho, P., *et al.* Synthesis and preclinical evaluation of PSMA-targeted <sup>111</sup>In-radioconjugates containing a mitochondria-tropic triphenylphosphonium carrier. *Mol. Pharm.* **21(1)**, 216-233 (2024).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

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