



# 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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# PRODUCT INFORMATION

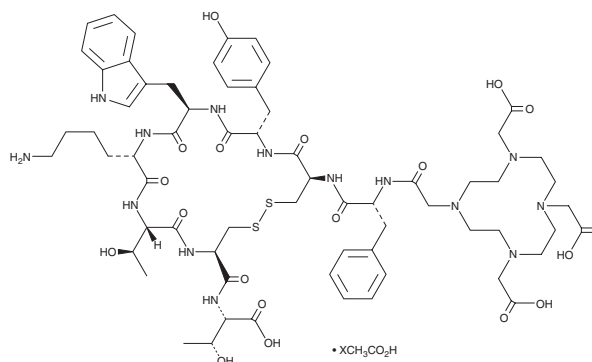


## DOTATATE (acetate)

Item No. 41054

**CAS Registry No.:** 177943-89-4  
**Formal Name:** cyclic (2→7)-disulfide, N-[[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]acetyl]-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-threonyl-L-cysteinyl-L-threonine, acetate

**Synonym:** DOTA-(Tyr<sup>3</sup>)-TATE  
**MF:** C<sub>65</sub>H<sub>90</sub>N<sub>14</sub>O<sub>19</sub>S<sub>2</sub> • XC<sub>2</sub>H<sub>4</sub>O<sub>2</sub>  
**FW:** 1,435.6  
**Purity:** ≥98%  
**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

DOTATATE (acetate) is supplied as a solid. Aqueous solutions of DOTATATE (acetate) can be prepared by directly dissolving the solid in aqueous buffers. DOTATATE (acetate) is slightly soluble (0.1-1 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

### Description

DOTATATE is a synthetic peptide composed of the somatostatin receptor (SST) binding peptide GFCYWKTCT conjugated to the bifunctional chelator DOTA.<sup>1</sup> It has been conjugated to various radioligands for use in scintigraphy and PET/CT imaging of SST-positive human tumor slices.

### Reference

1. Rani, M., Nicolas, G.P., and Wild, D. Somatostatin Receptor Antagonists for Imaging and *Therapy*. *J. Nucl. Med.* **58(Suppl 2)**, 61S-66S (2017).

#### 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.

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