

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-(Tyr³)-TATE

MF: C₆₅H₉₀N₁₄O₁₉S₂ • XC₂H₄O₂

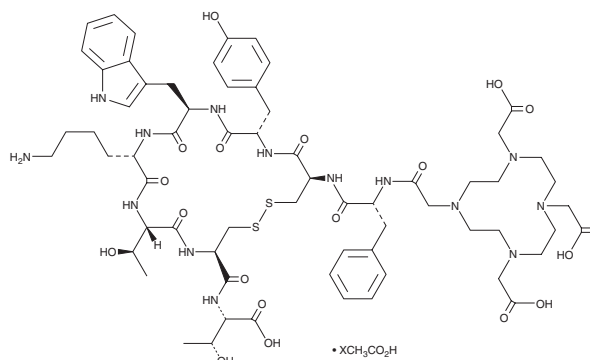
FW: 1,435.6

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.¹ 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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