

# Octreotide (acetate)

Catalog No: tcsc0944



## Available Sizes

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

79517-01-4

**Formula:**

$C_{51}H_{70}N_{10}O_{12}S_2$

**Pathway:**

GPCR/G Protein

**Target:**

Somatostatin Receptor

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 29$  mg/mL (26.87 mM)

**Alternative Names:**

SMS 201-995 (acetate)

**Observed Molecular Weight:**

1079.29

## Product Description

Octreotide acetate, a long-acting synthetic analog of native somatostatin, inhibits **growth hormone**, **glucagon**, and **insulin** more potently.

The image displays a complex chemical structure, likely a peptide derivative or a small molecule with a cyclic core. The structure features a central bicyclic system, possibly a cyclohexane ring fused to a five-membered ring containing a sulfur atom (thioether). Various side chains are attached to this core, including amide groups, hydroxyl groups, and a thioether linkage. The molecule is highly branched and contains multiple functional groups, suggesting it may be a complex natural product or a synthetic molecule designed for specific biological or chemical applications.

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