

TAPI-1

Cat. No. CEI-0680

Lot. No. (See product label)

Introduction

Description

Inhibitor of TNF- α processing (IC_{50} = 100 nM), similar to TAPI-0, but more stable in tissue culture and in vivo. Inhibits TACE and other metalloproteases. Blocks release of TNF- α (IC_{50} = 50-100 μ M), APP (1-8 μ M), IL6R (5- 10 μ M), TNFRI (5 -10 μ M), TNFRII (25 -50 μ M), and ObRa (leptin receptor), but not CSF-1, from cells in culture.

Synonyms

TNF protease inhibitor-0; C1

Product Information

Appearance

White solid or clear, colorless film

CAS No.

171235-71-5

Molecular Formula

C 26 H 37 N 5 O 5

Chemical Name

N-(R)-(2-(Hydroxyaminocarbonyl)methyl)-4-methylpentanoyl-L-naphthylalanyl-L-alanine amide

Molecular Weight

826.98

Purity

>97% by TLC

Targets

TNF

Solubility

DMSO or EtOH

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack