Creative Enzymes®

TAPI-1

Cat. No. CEI-0680

Lot. No. (See product label)

Introduction

Description	Inhibitor of TNF-α processing (IC50 = 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 (IC50 = 50-100 μM), APP (1-8 μM), IL6R (5- 10 μM), TNFRI (5 -10 μM), TNFRII (25 - 50 μM), 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