TAPI-1

Inhibitor of TNF-α processing

Inhibitor of TNF-α processing (IC_{50} is approximately 100 nM using *in vitro* TNF peptide cleavage assay), 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 μM)1, APP (1-8 μM), ACE (10 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.

Citations: 19 View Online »

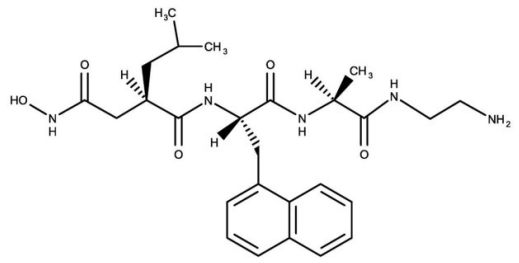
Ordering Information

Order Online »

BML-PI134-0001	1mg

Manuals, SDS & CofA

View Online »


H3C
CH3
HO
N
H
O
H
O
H
N
H
O
H
N
H
CH3
O
H
N
NH2

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Aliquot stock solutions and freeze at -20°C for up to one month. Do not store diluted solutions.
Handling	Hygroscopic. Protect from light.
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	IC2, N-(R)-(2-(Hydroxyaminocarbonyl)methyl)-4-methylpentanoyl-L-naphthylalanyl-L-alanine 2-aminoethyl amide
Appearance	Lyophilized solid.
Formula	$C_{26}H_{37}N_5O_5$
MW	499.3
Purity	≥98% (HPLC)
Sequence	N-(R)-(2-(Hydroxyaminocarbonyl)methyl)-4-methylpentanoyl-L-naphthylalanyl-L-alanine 2-aminoethyl amide
Solubility	Soluble in DMSO or methanol

Last modified: May 29, 2024

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