Ada-(Ahx)3-(Leu)3-vinyl sulfone

A new class of proteasome inhibitors, considerably extended in comparison with the commonly used fluorescent substrates and peptide-based inhibitors, has been prepared. Evaluation of these new compounds revealed a set of highly potent proteasome inhibitors that target all individual active subunits with comparable affinity, unlike the other inhibitors described to date. These compounds are more potent in living cells than their shorter peptide vinyl sulphone counterparts. Modification of the most active compound, adamantaneacetyl-(6-aminohexanoyl)3-(leucyl)3-vinylmethyl-sulphone itself capable of proteasome inhibition in living cells, afforded a new set of radio- and affinity labels.

Citations: 1 View Online »

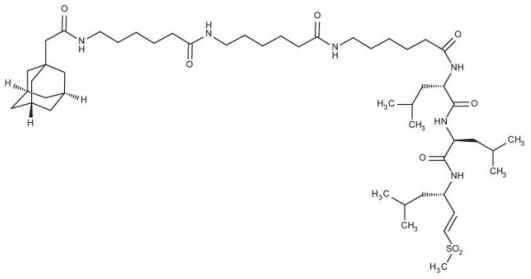
Ordering Information

Order Online »

BML-AW9155-0100	100µg

Manuals, SDS & CofA

View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White lyophilized powder.
Formula	$C_{50}H_{88}N_6O_8S$
MW	933.1
Purity	≥94% (HPLC)
Sequence	Ada-$(Ahx)_3$-$(Leu)_3$-vinyl sulfone
Solubility	Soluble in formic acid (1 mg/ml).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.