Chymostatin

Protease inhibitor

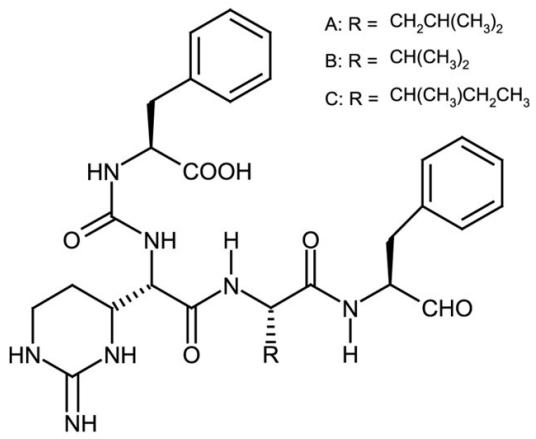
Inhibitor of serine proteinases having a chymotrypsin-like specificity like α-, β-, δ- and γ-chymotrypsin, chymases, cathepsin G, and most cysteine proteinases including papain and cathepsin A, B, H, and L. Mixture of type A (R=L-Leu), type B (R=L-Val), type C (R=L-Ile).

Citations: 1 View Online »

Ordering Information Order Online »

ALX-260-005-M005	5mg

Manuals, SDS & CofA View Online »


A: R = $CH_2CH(CH_3)_2$
B: R = $CH(CH_3)_2$
C: R = $CH(CH_3)CH_2CH_3$
HN
COOH
O
NH
H
O
N
N
CHO
HN
NH
O
R
H
NH

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(S)-1-Carboxy-2-phenylethyl)-carbamoyl-α-[2-iminohexahydro-4(S)-pyrimidyl]-(S)-glycyl-X-phenylalaninal
Appearance	White to off-white powder.
CAS	9076-44-2
Couple Target	Cathepsin, Chymase, Chymotrypsin, Papain
Couple Type	Inhibitor
Formula	$C_{31}H_{41}N_7O_6$
MW	607.7
Purity	≥95% TLC (mixture of A, B, C)
Solubility	Soluble in DMSO (20mg/ml) or glacial acetic acid.
Source	Microbial.

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.