

Pefabloc® uPA (Pefa-0888)

Description: Pefabloc® uPA is a synthetic low molecular weight competitive inhibitor selective for urokinase (uPA).

Application: Pefabloc® uPA can be used in diagnostic systems, analytical applications, research and industrial purification processes to exclude undesired urokinase activity.

Formula: C₃₂H₄₇O₅N₅S·HCl **MW:** 650.3

Chem. name: N α -(2,4,6-Triisopropyl-phenylsulfonyl)-3-amidino-(D,L)- phenylalanine-4-ethoxycarbonyl-piperazide hydrochloride

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, up to 28°C. Avoid contamination of the reagents by micro-organisms.
Shipment of product does not require cooling during the time of transportation.

K_i constants: K_i values for the inhibition of different trypsin-like serine proteinases by Pefabloc® uPA

Enzyme	K _i [μM]
Tryptase	7.0
Trypsin	0.12
Thrombin	0.67
Factor Xa	1.5
Factor XIIIa	25
Plasmin	1.0
uPA	0.54
sc-tPA	9.5
Plasma kallikrein	36
Glandular kallikrein	> 1000
PCa	3.3

References: Stürzebecher J, Vieweg H, Steinmetzer T, Schweinitz A, Stubbs MT, Renatus M, Wikström P.
Bioorg Med Letters 1999; 9: 3147-52.

Package size: Bulk [mg]

Code: 382-03

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