

Pefabloc[®] PL (Pefa-2532)

Description: Pefabloc[®] PL is a synthetic low molecular weight competitive inhibitor for plasmin. It is also a potent inhibitor of plasma kallikrein.

Application: Pefabloc[®] PL can be used in diagnostic systems, analytical applications, research and industrial purification processes to exclude undesired plasmin or plasma kallikrein activity.

Formula: C₃₁H₃₃O₄N₅S₂·HCl **MW:** 640.2

Chem. name: N α -(2-Naphthylsulfonyl)-3-amidino-(D,L)-phenylalanyl-nipecotic acid-thiophene-2-methylamide hydrochloride

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2-8°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 trypsin-like serine proteinases by Pefabloc[®] PL

Enzyme	K _i [μM]
Tryptase	12
Trypsin	0.086
Thrombin	0.3
Factor Xa	18
Factor XIIa	> 1000
Plasmin	0.14
uPA	8.3
sc-tPA	> 1000
Plasma kallikrein	0.067
Glandular kallikrein	> 1000
PCa	7.1

Package size: Bulk [mg]

Code: 383-03

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