



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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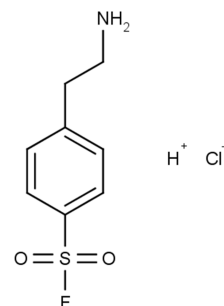
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Pefabloc® SC

**Catalog No:** 50985  
**Lot No:** XXXXX  
**Cas No:** 30827-99-7  
**Formula:** C<sub>8</sub>H<sub>10</sub>FNO<sub>2</sub>S · HCl  
**MW:** 239.7  
**Supplied as:** solid  
**Stability:** store at 4°C, protect from light and moisture



### Background

Pefabloc® SC is a water soluble, irreversible serine protease inhibitor. It inhibits proteases like chymotrypsin, kallikrein, plasmin, thrombin, and trypsin. The specificity is similar to the inhibitor PMSF, nevertheless Pefabloc® SC is more stable at low pH values. Store stock solutions (100 mM in water) for up to 2 months at -20°C or at 4°C for 1 week.

### Tests

<b>Appearance:</b>	colorless or white to off-white powder
<b>Thin-layer chromatography:</b>	corrensponds to reference chromatogram
<b>Solubility in water (c=0.2% m/V):</b>	completely soluble
<b>Purity by RP-HPLC:</b>	≥95 rel. area-%
<b>Melting point:</b>	report value
<b>IC50 trypsin inhibition:</b>	report value
<b>IC50 chymotrypsin inhibition:</b>	report value
<b>MS-ESI [M+H]:</b>	204.0 +/- 1.0
<b>Carbon (calc. 40.08%):</b>	39.69 – 40.49%
<b>Hydrogen (calc. 4.59%):</b>	4.23 – 5.03%
<b>Nitrogen (calc. 5.84%):</b>	5.5 – 6.30%
<b>Sulfur (calc. 13.38%):</b>	12.98 – 13.78%
<b><sup>1</sup>H-NMR spectrum:</b>	corresponds to reference spectrum

### Specifications

### Trademark

Pefabloc® is a trademark of DSM Pentafarm.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**