

## Specification

## Protease Inhibitor Cocktail 5 MammCell/Tissue

A7779

<b>delivery form</b>	lyophilized
<b>HS-No.:</b>	38220000
<b>Storage:</b>	-20°C shipment at ambient temperature
<b>WGK:</b>	<ul style="list-style-type: none"> <li>• mixture of inhibitors against a broad spectrum of proteases from mammalian origin</li> <li>• inhibits serine, cysteine and trypsin-like proteases, as well as esterases</li> <li>• supplied as lyophilisate for the preparation of 1 ml 100X stock solution in ddH<sub>2</sub>O</li> <li>• suited for preparation of extracts from mammalian cells and tissue</li> </ul> 1 hygroscopic
	* The concentration refers to the lyophilisate reconstituted as 1 ml stock solution.
<b>Composition:</b>	
<b>AEBSF · HCl</b>	500 µM
<b>Aprotinin</b>	150 nM
<b>E-64</b>	1 µM
<b>Leupeptin hemisulfate</b>	1 µM
<b>Comment</b>	<p>The composition of Protease Inhibitor Cocktail 5 is similar to Cocktail 4, but less complex. The application is identical, i.e. the preparation of extracts from mammalian cells. The 4 different inhibitors guarantee an efficient inhibition of most types of proteases (except for metallo proteases). The cocktail is supplied as a lyophilisate. It is hygroscopic. A 100X stock solution is prepared by dissolving in 1 ml of ddH<sub>2</sub>O. Before opening the vial, bring to ambient temperature. The lyophilisate is stable for 1 year at -20°C, while the solution is stable for 6 months at -20°C.</p>