



OXFORD BIOMEDICAL RESEARCH

## Product Specification Sheet

Immobilized Anhydrotrypsin  
Product Number: SP32  
Aliquot: 1.0 mL  
Lot Number: sp32.409  
Storage: 4°C

<b>DESCRIPTION:</b>	Immobilized anhydrotrypsin selectively adsorbs peptides with Arg, Lys or AECys (S-aminoethyl cysteine) residues at the C-terminus under weak acidic conditions (1). Strongly acidic conditions are used to elute the bound peptides. Peptides with these amino acids at the N-terminus or internally, as well as free amino acids are not bound. Serine protease inhibitors such as ecotin and PAI-1 may also be purified on this resin (2). May be used repeatedly.
<b>SIZE:</b>	1.0 mL
<b>CONCENTRATION:</b>	0.713 mg/mL coupled
<b>VOLUME:</b>	2.0 mL of a 1:1 slurry
<b>MOLECULAR WEIGHT:</b>	23,300
<b>BUFFER:</b>	0.15M NaCl; 0.02% Sodium Azide; pH 4.0
<b>STORAGE:</b>	4°C
<b>FORM:</b>	Resin
<b>SOURCE:</b>	Bovine pancreas
<b>PURIFICATION:</b>	N/A
<b>REFERENCES:</b>	1. Kumazaki, T. et al. (1987) J. Biochem. (Tokyo) 102:1539-1546. 2. Blouse, G. E. et al. (2003) Biochemistry 42:12260-12272.

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