

Product Datasheet

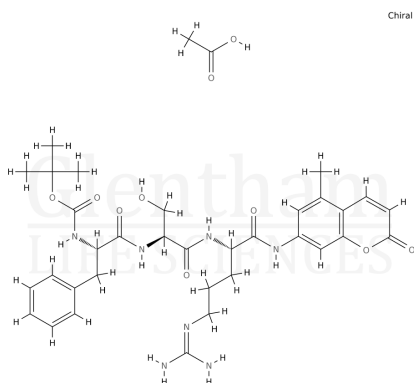
GE3976 - Trypsin

Product Details

Product Name	Trypsin
Glenthams Code	GE3976
CAS Number	9002-07-7
EINECS	232-650-8
MDL Number	MFCD00082094
Related Categories	Biochemicals, Enzymes

Structure

Molecular Weight	: -
Molecular Formula	: -



Precautionary Codes

P342+P311,
P305+P351+P338, P261

Pictograms



Glenthams Product Specification

Physical Description	: White to off-white powder
Potency	: $\geq 250\text{IU/mg}$
Loss on Drying	: $\leq 5.0\%$
Residue on Ignition	: $\leq 2.5\%$
Chymotrypsin	: $\leq 75\text{IU/mg}$
pH	: Reported
Version	: v1.0

About Trypsin

Trypsin is a serine protease produced in the pancreas of vertebrates for use in the digestive system. Trypsin's primary function is to hydrolyse ingested proteins into smaller peptides or amino acids. It does this by cleaving peptide chains on the carboxyl side of arginine and lysine - unless either is followed by proline. For this reason, trypsin is often used in a laboratory setting to digest proteins and peptides for use in mass spectrometry and chromatography. It is also used to dissociate tissues during cell culturing and sorting.

Storage

Recommended storage temperature: -20°C .

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Skin Sens. 1,
Eye Irr. 2A, STOT SE 3,
STOT SE 3

Signal Word Warning

Hazard Codes H315, H317, H319, H335,
H336

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