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# Beta Isomer of C-Terminal Telopeptide of Type I Collagen

National Cancer Institute

## Source

National Cancer Institute. *Beta Isomer of C-Terminal Telopeptide of Type I Collagen*.

NCI Thesaurus. Code C118889.

This polypeptide is comprised of the proteolytically released carboxy-terminal portions of fibrillar type I collagen where age has converted the alpha form of aspartic acid to its beta form. These peptides are joined through trivalent crosslinks and are products of the degradation of mature type I collagen. Elevated serum concentrations of beta-CTX are associated with increased bone resorption.