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Cyanogen Bromide

National Cancer Institute

Source

National Cancer Institute. *Cyanogen Bromide*. NCI Thesaurus. Code C402.

An inorganic compound used as a reagent in molecular biology. As a reagent for peptide mapping and amino acid sequence analysis, cyanogen bromide hydrolyzes peptide bonds at methionine residues in peptides and proteins. In addition, this agent acts as a coupling reagent for phosphoramidate or pyrophosphate inter-nucleotide bonds in DNA duplexes. (NCI)