



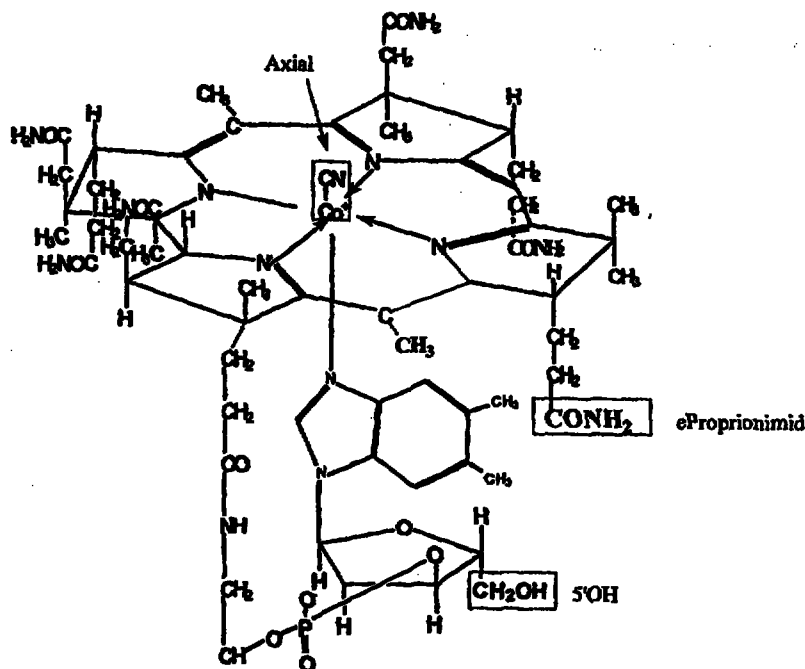
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(54) Title: VITAMIN B₁₂ DERIVATIVES AND METHODS FOR THEIR PREPARATION

(57) Abstract

This invention relates to methods for preparing vitamin B₁₂ (VB₁₂) derivatives suitable for linking to a polymer, nanoparticle or therapeutic agent, protein or peptide. The methods involve reacting the 5'OH group of VB₁₂ or an analogue thereof with an active carbonyl electrophile and subsequently obtaining said VB₁₂ derivatives. The invention also relates to novel VB₁₂ derivatives, VB₁₂ derivatives prepared by the methods of the present invention and uses thereof in the preparation of polymer complexes or nanoparticles.

Conjugation sites of VB₁₂