

The present invention relates to the field of vaccines directed against viruses of the HIV family. More particularly, it relates to an immunogenic compound comprising a peptide of the following formula (I) $\text{NH}_2\text{-}[\text{Nt}]_y\text{-P-W-N-X}_1\text{-S-X}_2\text{-S-N-X}_3\text{-X}_4\text{-X}_5\text{-X}_6\text{-X}_7\text{-I-W-}[\text{Ct}]_z\text{-COOH}$ (I), which is covalently linked to a carrier protein consisting of a CRM197 protein. It also concerns a composition containing this immunogenic compound and the uses of these immunogenic compounds and compositions for preventing and/or treating a condition caused by the infection of an individual with a HIV virus.