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Saponin-Cholesterol-Phospholipid Adjuvant

National Cancer Institute

Source

National Cancer Institute. *Saponin-Cholesterol-Phospholipid Adjuvant*. NCI Thesaurus. Code C53436.

An adjuvant comprised of saponin, derived from the bark of *Quillaia saponaria* Molina, cholesterol and phospholipid with antigen-delivery and immunostimulatory activities. This saponin-based adjuvant in combination with various antigens, including those for human papilloma virus (HPV), hepatitis C virus (HCV), and the human cancer antigen NY-ESO-1, may result in potent antibody, CD4+ T-helper-cell, and CD8+ cytotoxic T-cell responses against the targeted antigen. In addition, this agent may reduce the amount of antigen necessary to induce an efficient immune response in the host.