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AS04 Adjuvant

National Cancer Institute

Source

National Cancer Institute. *AS04 Adjuvant*. NCI Thesaurus. Code C49288.

A proprietary vaccine adjuvant composed of the inorganic compound aluminum phosphate mixed with 3-deacylated monophosphoryl lipid A, a derivate of the bacterial endotoxin. The aluminum component of this adjuvant binds to the protein conjugate, resulting in improved antigenicity, whereas the modified lipid A component enhances the immune responses by activating monocytes, macrophages and cytokines. Combined with vaccine antigens, AS04 adjuvant may help to boost the host's immune responses.