

Product Data Sheet

Product Name: Freund's Adjuvant

Cat. No.: GF11329

Chemical Properties

Cas. No. 9007-81-2

Formula

M.Wt

Solubility

Storage 2-8°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Complete Freund's adjuvant (CFA) is an immunoadjuvant emulsified with antigen by its discoverer Jules T. Freund to enhance an animal's immune response to an antigen. Complete Freund's adjuvant

Caution: Product has not been fully validated for medical applications. For research use only.

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(CFA) is also an inducer of the Th1 immune response and a ligand of TLRs. Complete Freund's adjuvant (CFA) contains heat-killed inactive tuberculosis bacilli and consists of a paraffin oil-in-water emulsion. Complete Freund's adjuvant (CFA) stimulates a strong and durable immune response and can be used to induce persistent inflammatory pain models in mice, experimental autoimmune myocarditis (EAM) models, and more. Incomplete Freund's adjuvant (IFA) is another type of Freund's Adjuvant that stimulates a weaker immune response.

Complete Freund's adjuvant (CFA) contains numerous microbial TLR ligands (such as TLRs 2, 4, and 9), is a potent inducer of a Th1-type immune response^[1].

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