

[Open Peer Review on Qeios](#)

Dinitrophenyl

National Cancer Institute

Source

National Cancer Institute. *Dinitrophenyl*. NCI Thesaurus. Code C2478.

A small molecule containing 2 phenol rings, characterized as a hapten for use in vaccine preparation. Dinitrophenyl by itself will not elicit any immune response nor bind to any antigen. Dinitrophenyl compound is commonly used to couple with peptides in vaccine preparation to enhance the immunogenicity of otherwise weak immunogenic antigens.