

## Isoniazid-KLH

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Isoniazid-KLH is a hapten-carrier protein conjugate generated by chemically coupling Isoniazid to keyhole limpet hemocyanin (KLH), in which Isoniazid acts as a low-molecular-weight hapten that cannot induce an immune response on its own and must be conjugated to a macromolecular carrier protein to become immunogenic, thereby enabling its use in antibody generation, immunological detection systems, and experimental studies focused on drug-specific immune recognition and assay development.
Targets(IC50)	Others

## Reference

Weiss AM, et al. Site-specific antigen-adjuvant conjugation using cell-free protein synthesis enhances antigen presentation and CD8+ T-cell response. Sci Rep. 2021 Mar 18;11(1):6267.

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