

## OVA Peptide(257-264) acetate salt

## Chemical Properties

CAS No. :

Formula: C47H78N10O15

Molecular Weight:

Keep away from moisture

Storage: 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	OVA Peptide(257-264) acetate salt is a Class I (Kb)-restricted epitope of OVA. This octamer peptide is presented by Class I MHC molecule H-2Kb derived from ovalbumin.
Targets(IC50)	MHC
In vitro	OVA Peptide(257-264) epitope processing varies based on its protein context, affecting its TAP transporter dependency for MHC class I presentation. TAP1-I- and C57BL/6 macrophages may handle Crl-OVA and full-length OVA differently within various cellular compartments. The epitope within MBPCrl-OVA or Crl-OVA fusion proteins shows minimal TAP dependence, whereas when part of full-length ovalbumin, it largely relies on the TAP transporter, regardless of whether the recombinant OVA is expressed in bacteria or coupled to polystyrene beads.

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