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NCIm Version: 201808 (Browser Version 2.9, using LexEVS 6.5.1)

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Liposomal HPV-16 E6/E7 Multi-peptide Vaccine PDS0101 (CUI CL454078)

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Terms & Properties

Concept Unique Identifier (CUI): CL454078

NCI Thesaurus Code: C111688 ([see NCI Thesaurus info](#))

Semantic Type: Pharmacologic Substance

Semantic Type: Immunologic Factor

Semantic Type: Amino Acid, Peptide, or Protein

NCIt Definition: A liposomal nanoparticle-based therapeutic vaccine composed of the cationic lipid R-DOTAP (R-enantiomer of 1,2-dioleoyl-3-trimethylammonium-propane chloride) encapsulating six human papillomavirus 16 (HPV-16) E6 and E7 peptides, with potential immunostimulating activity. Upon subcutaneous administration of the liposomal HPV-16 E6 and E7 multi-peptide vaccine, the nanoparticles are taken up by antigen presenting cells (APCs), specifically dendritic cells (DCs), which may stimulate the immune system to induce a cytotoxic T-lymphocyte response (CTL) against HPV-16 E6 and E7-expressing tumor cells. HPV-16 E6 and E7 are oncoproteins that play a key role in the tumorigenesis of a variety of cancers.

PDQ Definition: A liposomal nanoparticle-based therapeutic vaccine composed of the cationic lipid R-DOTAP (R-enantiomer of 1,2-dioleoyl-3-trimethylammonium-propane chloride) encapsulating six human papillomavirus 16 (HPV-16) E6 and E7 peptides, with potential immunostimulating activity. Upon subcutaneous administration of the liposomal HPV-16 E6 and E7 multi-peptide vaccine, the nanoparticles are taken up by antigen presenting cells (APCs), specifically dendritic cells (DCs), which may stimulate the immune system to induce a cytotoxic T-lymphocyte response (CTL) against HPV-16 E6 and E7-expressing tumor cells. HPV-16 E6 and E7 are oncoproteins that play a key role in the tumorigenesis of a variety of cancers. Check for [active clinical trials](#) using this agent.

Synonyms & Abbreviations: ([see Synonym Details](#))

immunoMAPK-RDOTAP /HPV-16 E6/E7 peptide antigen vaccine
 Liposomal HPV-16 E6/E7 Multi-peptide Vaccine PDS0101
 immunoMAPK-RDOTAP /HPV-16 E6/E7 Peptide Antigen Vaccine
 PDS0101

External Source Codes:

NCI Thesaurus Code	C111688 (see NCI Thesaurus info)
PDQ Closed Trial Search ID	752827
PDQ Open Trial Search ID	752827 (check for NCI PDQ open clinical trial info)

Other Properties:

Name	Value	Source
Contributing_Source	CTRP	NCI
DATE_FIRST_PUBLISHED	2013-09-19	PDQ
DATE_LAST_MODIFIED	2013-10-30	PDQ
NCI_THESAURUS_CODE	C111688	PDQ
ORIG_STY	Drug/agent	PDQ

Additional Concept Data: (none)

URL to Bookmark: [https://ncim.nci.nih.gov/ncimbrowser/ConceptReport.jsp?dictionary=NCI Metathesaurus&code=CL454078](https://ncim.nci.nih.gov/ncimbrowser/ConceptReport.jsp?dictionary=NCI%20Metathesaurus&code=CL454078)