Penta-PT conjugate small molecule (tool compound)

Catalogue number: 160588
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Penta-PT conjugate small molecule (tool compound)

Alternate name:

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Class:
Conjugate:
Description: Adapted from WO2014/195881 Bordetella pertussis causes whooping cough, a highly contagious disease involving the respiratory tract, which is especially serious for infants and young children. Despite widespread immunization, in recent years the number of pertussis incidences has increased. The limited efficacy of currently used pertussis vaccines results from the fact that their components do not induce a complete immune response. Unlike tetanus and diphtheria diseases where all symptoms are ...
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity: This pentasaccharide-PT glycoconjugate is not capable of binding to fetuin in ELISA test.
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes: Adapted from WO2014/195881 Glycoconjugate of the distal pentasaccharide obtained by deamination of LOS (from Bordetella pertussis) conjugated to a pertussis toxin. The pentasaccharide part of the conjugate is a fragment isolated from the LOS of B. pertussis 186 and it comprises a distal trisaccharide, a heptose and an anhydromannose. It has been shown that pentasaccharide-TTd conjugate induced antibodies which were able to bind to B. pertussis in immunofluorescence assays (FACS). Moreover, us...

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

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Applications

Application:
Application notes:

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools: OS-PT conjugate small molecule (tool compound)

References

References: Marastoni et al. 2014. J Pathol. 232(4):391-404. PMID: 24374807. ; Mongiat et al. 2010. Neoplasia. 12(4):294-304. PMID: 20360940. ; Mongiat et al. 2007. Mol Cell Biol. 27(20):7176-87. PMID: 17698584.

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