

OS-PT conjugate small molecule (tool compound)

Catalogue number: 160582

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

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

Alternate name:

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:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Adapted from WO2014/195881 This is a glycoconjugate of the complete dodecasaccharide derived from Bordetella pertussis LOS conjugated to a pertussis toxin which provides a vaccine component that is both immunogenic and non-toxic. It is a candidate for use in the pertussis vaccine composition as it constitutes a nontoxic and immunogenic combination of the two components of B. pertussis and thus generates optimal anti-pertussis response.

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: 4° C with the addition of a preservative (0,01 % merthiolate)

Shipping conditions:

Related tools

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

References

References:

CancerTools.org