

Title (en)

O-ACETYLATED HIGH MOLECULAR WEIGHT POLYGALACTURONIC ACIDS AND THEIR USE AS VI POLYSACCHARIDE VACCINE

Title (de)

O-ACETYLIERTE HOCHMOLEKULAREN POLYGALAKTURONSÄUREN UND IHRE VERWENDUNG ALS VI-POLYSACCHARIDIMPFSTOFF

Title (fr)

ACIDES POLYGALACTURONIQUES O-ACÉTYLÉS DE HAUT POIDS MOLÉCULAIRE ET LEUR UTILISATION EN TANT QUE VACCIN  
POLYSACCHARIDIQUE CONTRE LE VI

Publication

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Application

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Abstract (en)

[origin: WO2015172077A1] The instant disclosure provides O-acetylated high molecular weight polygalacturonic acids or pharmaceutically acceptable salts thereof, having at least one of: (a) a molecular weight greater than  $1 \times 10^6$  Da; (b) a degree of methylation less than about 10% per mole; and (c) an intervening rhamnose content ranging from about 2% to about 15% per mole, useful as a synthetic immunogenic Vi antigen. The instant disclosure further provides methods of preparing an O-acetylated high molecular weight polygalacturonic acid or pharmaceutically acceptable salt thereof of, pharmaceutical compositions and/or vaccine compositions comprising the same, and methods of immunization using any of the foregoing.

IPC 8 full level

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