

Product Data Sheet

Product Name: Pabinafusp alfa

Cat. No.: GC72441

Chemical Properties

Cas. No. 2140211-48-7

Formula M.Wt

Solubility Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Pabinafusp alfa

Background

Pabinafusp alfa (JR-141) is a transferrin receptor-targeting antibody consisting of Iduronate 2-sulfatase and an anti-human transferrin receptor antibody. Pabinafusp alfa is blood-brain permeable and prevents heparan sulfate (HS) deposition in the central nervous system of mucopolysaccharidosis II (MPS II) mice. Pabinafusp alfa improves learning and prevents central nervous system neuronal damage in mice.

Caution: Product has not been fully validated for medical applications. For research use only.

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Pabinafusp alfa (0.1-2 mg/kg; i.v.; once weekly for 36 weeks) dose-dependently prevents neurohistopathological changes and ameliorates neurological defects in a mouse model of MPS II^[1].

References:

[1]. Morimoto H, et al. Dose-dependent effects of a brain-penetrating iduronate-2-sulfatase on neurobehavioral impairments in mucopolysaccharidosis II mice. Mol Ther Methods Clin Dev. 2022 May 10;25:534-544.

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