

## Pabinafusp alfa

## Chemical Properties

CAS No. : 2140211-48-7

Formula:

Molecular Weight:

Storage: -20°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Pabinafusp alfa (JR-141), a transferrin receptor-targeting antibody fusing Iduronate 2-sulfatase with an anti-human transferrin receptor antibody, penetrates the blood-brain barrier and inhibits heparan sulfate (HS) accumulation within the central nervous system of mucopolysaccharidosis II (MPS II) mice. It enhances cognitive function and protects against neuronal damage in the central nervous system [1].
Targets(IC50)	Others
In vivo	Pabinafusp alfa, administered intravenously at doses ranging from 0.1 to 2 mg/kg once weekly for 36 weeks, dose-dependently prevented neuropathological changes and ameliorated neurological deficits in an MPS II murine model [1].

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