

## Bempegaldesleukin

## Chemical Properties

CAS No. : 1939126-74-5

Formula:

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Bempegaldesleukin (NKTR-214) is a PEGylated interleukin-2 (IL-2) that functions as an immunostimulatory IL-2 proagent, acting as a CD122-preferential agonist of the IL-2 pathway. It can stimulate an antitumor immune response [1].
In vitro	Bempegaldesleukin is an IL-2 prodrug that has been engineered to provide controlled, sustained, and preferential signaling through the IL-2 pathway, aiming to stimulate anti-tumor immune responses while minimizing toxicity [1].
In vivo	Administering Bempegaldesleukin (0.8 mg/kg; i.v. for 7 days) combined with NKTR-262 significantly enhances survival rates in CD8+ T cell-dependent manner across two tumor models (CT26 and EMT6) [2].

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