

## Raludotatug deruxtecan

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.54 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Raludotatug deruxtecan (DS-6000) is an ADC compound targeting CDH6 with anti-cancer activity, used in the study of ovarian cancer.
Targets(IC50)	ADC Antibody
In vitro	Raludotatug deruxtecan is an antibody-drug conjugate (ADC) targeting CDH6. Raludotatug deruxtecan showed in vitro cell growth inhibition activity in high CDH6 tumor cells, but not in low CDH6 tumor cells. [1]
In vivo	The high cell line of CDH6 in a mouse xenograft model showed strong antitumor activity and tumor regression. Raludotatug deruxtecan showed high efficacy in PDX models. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0687 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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