

## Risankizumab

## Chemical Properties

CAS No. : 1612838-76-2

Formula:

Molecular Weight: 145.85 kDa

Storage: Store at low temperature  
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Risankizumab

## Biological Description

Description	Risankizumab (BI 655066) is a humanized IgG monoclonal antibody (Kd <10 pM) targeting the IL-23 p19 subunit. It inhibits IL-17 production induced by human IL-23 in mouse splenocytes with an IC50 value of 2 pM. Risankizumab is used for the prevention and treatment of immune and inflammatory disorders such as psoriasis vulgaris, psoriatic arthritis, generalized pustular psoriasis, and erythrodermic psoriasis.
Targets(IC50)	IL Receptor, Interleukin
In vitro	With Kds <10 pM, Risankizumab (BI 655066) exhibits high affinity for human and cynomolgus IL23[3]. Risankizumab (BI 655066) inhibits endogenous (THP-1 cell generated) human IL23-induced and recombinant cynomolgus IL23-induced IL17 production with IC50s of 2 pM and 17 pM, respectively[2].
In vivo	In mice, Risankizumab (BI 655066) inhibits IL23-induced ear swelling and cytokine production following a single intraperitoneal (i.p.) dosage of 1 mg/kg[2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0686 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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