

## Pertuzumab

## Chemical Properties

CAS No. :	380610-27-5
Formula:	
Molecular Weight:	145.44 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Pertuzumab (anti-HER2) a humanized monoclonal antibody and the first in the class of agents called the HER2 dimerization inhibitors impairs the ability of HER2 to bind to other members of the HER family.
Targets(IC50)	EGFR
Animal Research	Objective: In vivo tumor growth inhibition studies. Formulation: saline. Dosages: 20 mg/kg, 40 mg/kg and 80 mg/kg

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0688 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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