

DZD1516

Chemical Properties

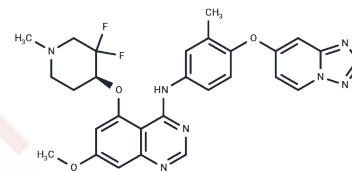
CAS No. : 2387570-00-3

Formula: C₂₈H₂₇F₂N₇O₃

Molecular Weight: 547.56

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	DZD1516, a potent and selective HER2 inhibitor (IC ₅₀ = 0.56 nM), demonstrates good blood-brain barrier permeability and exhibits antitumor activity in both central nervous system (CNS) and subcutaneous xenograft mouse models [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8263 mL	9.1314 mL	18.2628 mL
5 mM	0.3653 mL	1.8263 mL	3.6526 mL
10 mM	0.1826 mL	0.9131 mL	1.8263 mL
50 mM	0.0365 mL	0.1826 mL	0.3653 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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