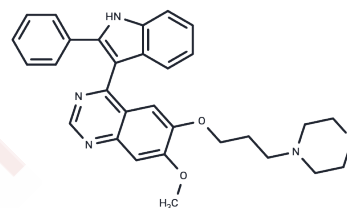


YS-363

Chemical Properties

CAS No. : 2470908-90-6
 Formula: C30H30N4O3
 Molecular Weight: 494.58
 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	YS-363 is a potent, selective, and orally active inhibitor of the epidermal growth factor receptor (EGFR), with half-maximal inhibitory concentrations (IC ₅₀) of 0.96 nM for the wild-type EGFR and 0.67 nM for the L858R mutant variant. It induces G ₀ /G ₁ cell cycle arrest and apoptosis in targeted cells [1].
Targets(IC ₅₀)	Apoptosis,EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0219 mL	10.1096 mL	20.2192 mL
5 mM	0.4044 mL	2.0219 mL	4.0438 mL
10 mM	0.2022 mL	1.011 mL	2.0219 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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