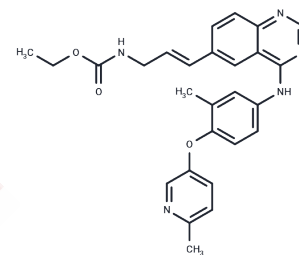


(E/Z)-CP-724714

Chemical Properties

CAS No. : 537705-08-1
 Formula: C₂₇H₂₇N₅O₃
 Molecular Weight: 469.54
 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	(E/Z)-CP-724714, comprising racemic mixtures of (E)-CP-724714 and (Z)-CP-724714 isomers, is a potent, selective, and orally active inhibitor of ErbB2 (HER2)[1].
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 87 mg/mL (185.29 mM),Sonication is recommended. H ₂ O: <1 mg/mL, Ethanol: 87 mg/mL (185.29 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1297 mL	10.6487 mL	21.2974 mL
5 mM	0.4259 mL	2.1297 mL	4.2595 mL
10 mM	0.213 mL	1.0649 mL	2.1297 mL
50 mM	0.0426 mL	0.213 mL	0.4259 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.

Reference

- Jani JP, et al. Cancer Res, 2007, 67(20), 9887-9893.
 Feng B, et al. Toxicol Sci, 2009, 108(2), 492-500.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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