Data Sheet (Cat.No.T28339)

PD 174265

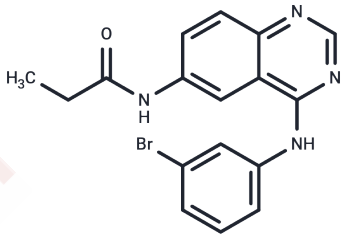
Chemical Properties

CAS No. : 216163-53-0

Formula: C17H15BrN4O

Molecular Weight: 371.23

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	PD 174265 is an effective, selective and reversible inhibitor of epidermal growth factor receptor (EGFR) with an IC50 of 0.45 nM.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 10 mg/mL (26.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6937 mL	13.4687 mL	26.9375 mL
5 mM	0.5387 mL	2.6937 mL	5.3875 mL
10 mM	0.2694 mL	1.3469 mL	2.6937 mL
50 mM	0.0539 mL	0.2694 mL	0.5387 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

Fry DW, et al. Specific, irreversible inactivation of the epidermal growth factor receptor and erbB2, by a new class of tyrosine kinase inhibitor. Proc Natl Acad Sci U S A. 1998 Sep 29;95(20):12022-7.

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