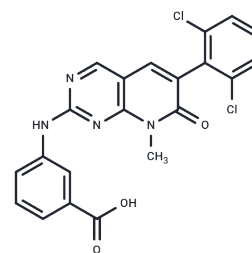


## PD 173955-Analog1

## Chemical Properties

CAS No. :	185039-99-0
Formula:	C <sub>21</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	441.27
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 173955-Analog1 is an EGFR kinase inhibitor with both antitumor activity and certain toxicological characteristics. The IC <sub>50</sub> value of PD 173955 analog 1 is predicted to be 0.19 μM by computer simulation.
Targets(IC <sub>50</sub> )	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2662 mL	11.3309 mL	22.6619 mL
5 mM	0.4532 mL	2.2662 mL	4.5324 mL
10 mM	0.2266 mL	1.1331 mL	2.2662 mL
50 mM	0.0453 mL	0.2266 mL	0.4532 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

Bagchi M C, et al., In silico evaluation of 6-(2, 6-dichlorophenyl)-pyrido [2, 3-d] pyrimidin-7 (8 H)-one compounds: an insight into design of less toxic anticancer drugs[J]. Medicinal Chemistry Research, 2016, 25: 123-134.

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