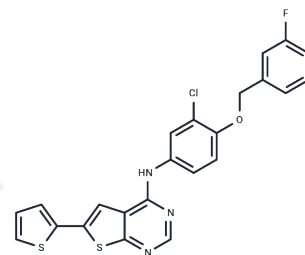


## EGFR/ErbB-2 inhibitor-1

## Chemical Properties

CAS No. :	1135150-79-6
Formula:	C <sub>23</sub> H <sub>15</sub> ClFN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	467.97
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	EGFR/ErbB-2 inhibitor-1 is a selective ErbB2/HER2 inhibitor that effectively blocks ErbB2 and HER2 signaling.
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1369 mL	10.6844 mL	21.3689 mL
5 mM	0.4274 mL	2.1369 mL	4.2738 mL
10 mM	0.2137 mL	1.0684 mL	2.1369 mL
50 mM	0.0427 mL	0.2137 mL	0.4274 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

Rheault TR, et al. Thienopyrimidine-based dual EGFR/ErbB-2 inhibitors. Bioorg Med Chem Lett. 2009 Feb 1;19(3): 817-20.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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