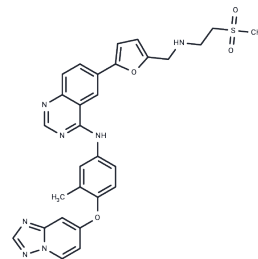


## ARRY-380 (analog )

## Chemical Properties

CAS No. :	937265-83-3
Formula:	C <sub>29</sub> H <sub>27</sub> N <sub>7</sub> O <sub>4</sub> S
Molecular Weight:	569.63
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	ARRY-380 analog (HER2-Inhibitor-1) is a potent and selective HER2 inhibitor.
Targets(IC50)	EGFR,HER
Kinase Assay	The Millipore Kinase Profiler service is used to generate general selectivity data for SCH 900776 against a broad range of serine/threonine and tyrosine kinases. Assays are typically run at two concentrations of SCH 900776 (0.5 and 5 $\mu$ M), at a fixed (10 $\mu$ M) concentration of ATP. Data are provided as percent activity remaining, relative to uninhibited controls.

## Solubility Information

Solubility	DMSO: 91 mg/mL (159.75 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	1.7555 mL	8.7776 mL	17.5553 mL
5 mM	0.3511 mL	1.7555 mL	3.5111 mL
10 mM	0.1756 mL	0.8778 mL	1.7555 mL
50 mM	0.0351 mL	0.1756 mL	0.3511 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.

## Reference

Madala SK, et al. Am J Respir Cell Mol Biol. 2012 Mar;46(3):380-8.

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