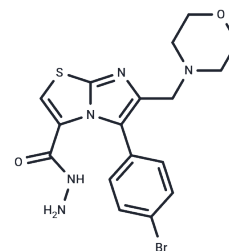


## HER2-IN-12

## Chemical Properties

CAS No. :	2820126-51-8
Formula:	C <sub>17</sub> H <sub>18</sub> BrN <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	436.33
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	HER2-IN-12 is a potent and selective HER2 inhibitor. It suppresses downstream signaling by blocking HER2 autophosphorylation, used for HER2-positive breast cancer research.
Targets(IC50)	HER

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2918 mL	11.4592 mL	22.9184 mL
5 mM	0.4584 mL	2.2918 mL	4.5837 mL
10 mM	0.2292 mL	1.1459 mL	2.2918 mL
50 mM	0.0458 mL	0.2292 mL	0.4584 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

Tsuyoshi Nagase, et al. Synthesis and biological evaluation of a novel 3-sulfonyl-8-azabicyclo[3.2.1]octane class of long chain fatty acid elongase 6 (ELOVL6) inhibitors. J Med Chem. 2009 Jul 23;52(14):4111-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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