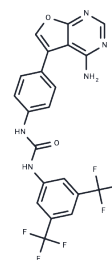


## TIE-2/VEGFR-2 kinase-IN-5

## Chemical Properties

CAS No. :	1014407-83-0
Formula:	C <sub>21</sub> H <sub>13</sub> F <sub>6</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	481.35
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	TIE-2/VEGFR-2 kinase-IN-5 (TIE-2 and VEGFR-2 tyrosine kinase receptor inhibitor) is a potent agent with anti-angiogenic activity, commonly used in biomedical research focused on angiogenesis.
Targets(IC50)	Tie-2, VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0775 mL	10.3875 mL	20.7749 mL
5 mM	0.4155 mL	2.0775 mL	4.155 mL
10 mM	0.2077 mL	1.0387 mL	2.0775 mL
50 mM	0.0415 mL	0.2077 mL	0.4155 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

Miyazaki Y, et al. Orally active 4-amino-5-diarylurea-furo[2,3-d]pyrimidine derivatives as anti-angiogenic agent inhibiting VEGFR2 and Tie-2. *Bioorg Med Chem Lett.* 2007 Mar 15;17(6):1773-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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