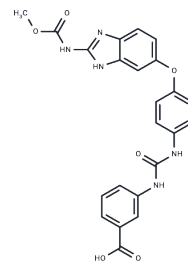


GW701427A

## Chemical Properties

CAS No. : 433224-56-7  
 Formula: C<sub>23</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub>  
 Molecular Weight: 461.43  
 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	GW701427A is a dual inhibitor targeting Fluc and VEGFR2, with IC <sub>50</sub> values of 0.12 μM and 603 nM, respectively. It functions as a protein kinase inhibitor on both ATP-dependent and -independent luciferases, potentially affecting Fluc reporter assays [1].
Targets(IC <sub>50</sub> )	VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1672 mL	10.8359 mL	21.6718 mL
5 mM	0.4334 mL	2.1672 mL	4.3344 mL
10 mM	0.2167 mL	1.0836 mL	2.1672 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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