

BAY 593

## Chemical Properties

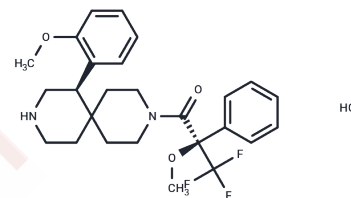
CAS No. : 2413020-57-0

Formula: C<sub>26</sub>H<sub>32</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 512.99

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	BAY 593 functions as an inhibitor of geranylgeranyltransferase-I (GGTase-I), effectively preventing the activation of Rho-GTPases and consequently inactivating YAP1/TAZ signaling pathways. It has been shown to inhibit tumor growth dose-dependently in xenograft mouse models, exhibiting IC <sub>50</sub> values of 38.4 nM in MT-1080 cells and 564 nM in MDA-MB-231 cells, as well as in PXF 541 xenografts.
Targets(IC <sub>50</sub> )	YAP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9494 mL	9.7468 mL	19.4936 mL
5 mM	0.3899 mL	1.9494 mL	3.8987 mL
10 mM	0.1949 mL	0.9747 mL	1.9494 mL
50 mM	0.039 mL	0.1949 mL	0.3899 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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