

BAY-593

Chemical Properties

CAS No. : 2413020-56-9

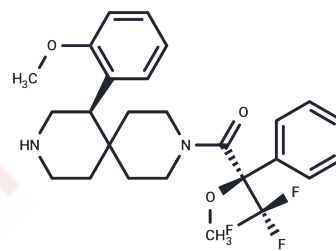
Formula: C₂₆H₃₁F₃N₂O₃

Molecular Weight: 476.53

Store at low temperature

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 is an orally active GGTase-I inhibitor capable of blocking YAP1/TAZ signaling in vivo, exhibiting antitumor activity.
Targets(IC50)	Transferase,YAP
In vitro	BAY-593 (0.5 nM-10 μM; 72 h) inhibited HT-1080 and MDA-MB-231 cell proliferation with IC ₅₀ values of 0.038/0.564 μM, respectively [1].
In vivo	BAY-593 (2.5-20 mg/kg; oral; 14 days) exhibited dose-dependent antitumor activity in HT-1080 fibrosarcoma and MDA-MB-231 triple-negative breast cancer xenograft mouse models [1].

Solubility Information

Solubility	DMSO: 92 mg/mL (193.06 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	2.0985 mL	10.4925 mL	20.985 mL
5 mM	0.4197 mL	2.0985 mL	4.197 mL
10 mM	0.2099 mL	1.0493 mL	2.0985 mL
50 mM	0.042 mL	0.2099 mL	0.4197 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

Graham K, et al. Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell Chem Biol. 2024;31(7):1247-1263.e16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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