

ODM-203 sodium

Chemical Properties

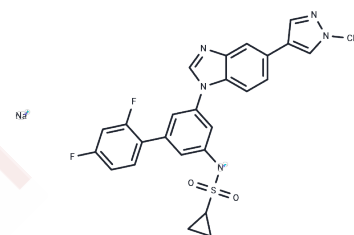
CAS No. :

Formula: C₂₆H₂₀F₂N₅NaO₂S

Molecular Weight: 527.52

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	ODM-203 sodium is an orally available, selective, and efficient FGFR and VEGFR inhibitor, with antitumor activity, inhibiting FGFR3/1/2 and VEGFR3/2/1/4, inducing antitumor immunity, useful in solid tumor research.
Targets(IC50)	FGFR, VEGFR
In vitro	ODM-203 sodium (1, 10, 100, 1000 nM, 1 hour) inhibits FGFR and VEGFR cell signaling in HUVEC cells.[1]
In vivo	Methods: ODM-203 sodium (20, 40 mg/kg, oral, once a day, 21 days) was used to treat several tumor xenograft model mice and observe the tumor growth in the mice. Results: ODM-203 sodium inhibited FGFR phosphorylation and tumor growth in several FGFR-dependent xenografts by inhibiting FGFR signaling in tumors. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8957 mL	9.4783 mL	18.9566 mL
5 mM	0.3791 mL	1.8957 mL	3.7913 mL
10 mM	0.1896 mL	0.9478 mL	1.8957 mL
50 mM	0.0379 mL	0.1896 mL	0.3791 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

Holmström TH, et al. ODM-203, a Selective Inhibitor of FGFR and VEGFR, Shows Strong Antitumor Activity, and Induces Antitumor Immunity. Mol Cancer Ther. 2019 Jan;18(1):28-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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