

YF704

Chemical Properties

CAS No. :

Formula: C₁₇H₂₀Cl₂N₄O₅

Molecular Weight: 431.4

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	YF704 (compound 4w), a selective allosteric inhibitor of SHP2, exhibits antiproliferative effects and induces apoptosis in cancer cells with an IC ₅₀ of 0.25 μM. Furthermore, it downregulates Erk1/2 and Akt phosphorylation levels in cancer cells [1].
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.318 mL	11.5902 mL	23.1803 mL
5 mM	0.4636 mL	2.318 mL	4.6361 mL
10 mM	0.2318 mL	1.159 mL	2.318 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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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