

SHR2415

Chemical Properties

CAS No. :

Formula: C₂₃H₂₂ClN₇O₂

Molecular Weight: 463.92

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	SHR2415 is a selective, potent, orally active inhibitor of ERK1/2. SHR2415 inhibits ERK1 (IC ₅₀ : 2.8 nM) and ERK2 (IC ₅₀ : 5.9 nM). SHR2415 exhibits high potency in Colo205 cells (IC ₅₀ : 44.6 nM). SHR2415 can be used in cancer research.
Targets(IC ₅₀)	ERK,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1555 mL	10.7777 mL	21.5554 mL
5 mM	0.4311 mL	2.1555 mL	4.3111 mL
10 mM	0.2156 mL	1.0778 mL	2.1555 mL
50 mM	0.0431 mL	0.2156 mL	0.4311 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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