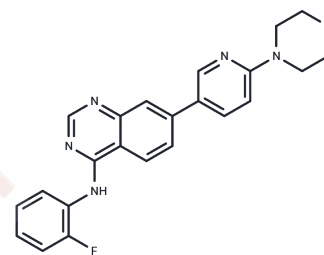


RIPK2/3-IN-2

Chemical Properties

CAS No. :	3084103-03-4
Formula:	C ₂₃ H ₂₀ FN ₅ O
Molecular Weight:	401.44
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	RIPK2/3-IN-2 (compound 29) is an effective dual inhibitor of RIPK2 and RIPK3 (IC ₅₀ = 12 nM/18 nM) capable of inducing necrosis, making it suitable for research into inflammation-related diseases.
Targets(IC50)	RIP kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.491 mL	12.4552 mL	24.9103 mL
5 mM	0.4982 mL	2.491 mL	4.9821 mL
10 mM	0.2491 mL	1.2455 mL	2.491 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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

Zayed, M.F. Medicinal Chemistry of Quinazolines as Analgesic and Anti-Inflammatory Agents. ChemEngineering 2022, 6, 94.

Duo Ma, et al. Discovery of Potent and Balanced Dual RIPK2 and 3 Inhibitors as a New Strategy for the Treatment of Inflammatory Bowel Diseases. J Med Chem. 2025 Apr 10;68(7):7539-7559.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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