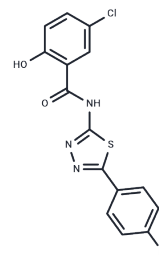


FAK-IN-8

Chemical Properties

CAS No. :	1374959-91-7
Formula:	C ₁₅ H ₉ Cl ₂ N ₃ O ₂ S
Molecular Weight:	366.22
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	FAK-IN-8 (compound 5h), a FAK inhibitor with an IC ₅₀ of 5.32 μM, exhibits potent anti-proliferative activity, making it suitable for use in cancer research [1].
Targets(IC ₅₀)	FAK,Others
In vitro	FAK-IN-8 (0-10 μM; 48 h) inhibits MCF-7 and B16-F10 cell proliferation with IC ₅₀ values of 3.57 and 3.52 μM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7306 mL	13.653 mL	27.306 mL
5 mM	0.5461 mL	2.7306 mL	5.4612 mL
10 mM	0.2731 mL	1.3653 mL	2.7306 mL
50 mM	0.0546 mL	0.2731 mL	0.5461 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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