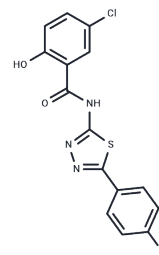


FAK-IN-8

Chemical Properties

CAS No. :	1374959-91-7
Formula:	C ₁₅ H ₉ Cl ₂ N ₃ O ₂ S
Molecular Weight:	366.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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].
In vitro	FAK-IN-8 (0-10 μM; 48 h) inhibits MCF-7 and B16-F10 cells proliferation [1]. Cell Proliferation Assay [1] Cell Line: MCF-7 and B16-F10 cells Concentration: 0-10 μM Incubation Time: 48 h Result: Exhibited anti-proliferative activity against MCF-7 and B16-F10 cells with IC 50 values of 3.57 and 3.52 μM, respectively.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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