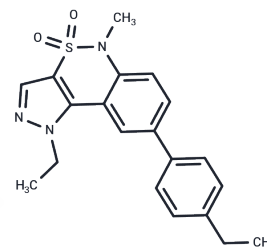


FAK inhibitor 5

Chemical Properties

CAS No. :	1426683-30-8
Formula:	C ₂₀ H ₂₁ N ₃ O ₂ S
Molecular Weight:	367.46
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 inhibitor 5 is a novel allosteric FAK inhibitor, with IC ₅₀ values in the low micromolar range.
Targets(IC ₅₀)	FAK,Others
In vitro	The binding interactions of FAK inhibitor 5 at the FAK allosteric site are primarily hydrophobic. The exposure of the allosteric pocket, caused by the notable movement of Ile547, is accompanied by a similar movement of Arg550 towards the allosteric binding site, where it associates with the tricyclic core of [compounds 2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7214 mL	13.6069 mL	27.2138 mL
5 mM	0.5443 mL	2.7214 mL	5.4428 mL
10 mM	0.2721 mL	1.3607 mL	2.7214 mL
50 mM	0.0544 mL	0.2721 mL	0.5443 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

Iwatani M, et al. Discovery and characterization of novel allosteric FAK inhibitors. Eur J Med Chem. 2013 Mar;61:49-60.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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