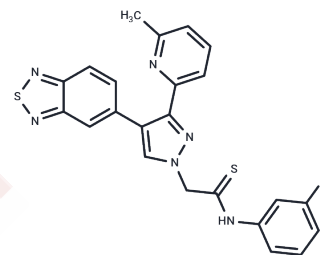


J-1048

## Chemical Properties

CAS No. : 2374772-60-6  
 Formula: C<sub>23</sub>H<sub>17</sub>FN<sub>6</sub>S<sub>2</sub>  
 Molecular Weight: 460.55  
 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	J-1048, an activin receptor-like kinase 5 (ALK5) inhibitor, effectively suppresses TAA-induced liver fibrosis in mice through specific inhibition of the TGF- $\beta$ /Smad signaling pathway [1].
Targets(IC50)	Others,ALK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1713 mL	10.8566 mL	21.7132 mL
5 mM	0.4343 mL	2.1713 mL	4.3426 mL
10 mM	0.2171 mL	1.0857 mL	2.1713 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 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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