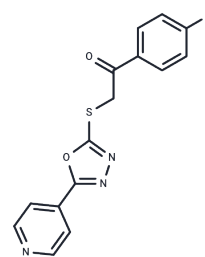


FAK-IN-10

## Chemical Properties

CAS No. : 491839-65-7  
 Formula: C<sub>15</sub>H<sub>10</sub>BrN<sub>3</sub>O<sub>2</sub>S  
 Molecular Weight: 376.23  
 Storage: Store at low temperature  
 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-10 is an inhibitor of FAK (IC <sub>50</sub> : 76.3 μM) and demonstrates antitumor activity in MCF-7 and A431 cell lines with IC <sub>50</sub> values of 4.23 μM and 0.78 μM, respectively.
Targets(IC <sub>50</sub> )	FAK

## Solubility Information

Solubility	DMSO: 7.5 mg/mL (19.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6579 mL	13.2897 mL	26.5795 mL
5 mM	0.5316 mL	2.6579 mL	5.3159 mL
10 mM	0.2658 mL	1.329 mL	2.6579 mL
50 mM	0.0532 mL	0.2658 mL	0.5316 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

Zhang LR, et al. Synthesis, biological evaluation and molecular docking studies of novel 2-(1,3,4-oxadiazol-2-ylthio)-1-phenylethanone derivatives. Bioorg Med Chem. 2012 Jun 1;20(11):3615-21.

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