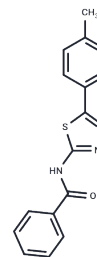


FAK-IN-7

## Chemical Properties

CAS No. : 19948-85-7  
 Formula: C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 295.36  
 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-7 has potential antiproliferative activity and is a FAK inhibitor.
Targets(IC50)	FAK

## Solubility Information

Solubility	DMSO: 11 mg/mL (37.24 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	3.3857 mL	16.9285 mL	33.857 mL
5 mM	0.6771 mL	3.3857 mL	6.7714 mL
10 mM	0.3386 mL	1.6928 mL	3.3857 mL
50 mM	0.0677 mL	0.3386 mL	0.6771 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

Yang XH, Xiang L, Li X, Zhao TT, Zhang H, Zhou WP, Wang XM, Gong HB, Zhu HL. Synthesis, biological evaluation, and molecular docking studies of 1,3,4-thiadiazol-2-ylidene derivatives as novel anticancer agents. *Bioorg Med Chem.* 2012 May 1;20(9):2789-95.

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