

LM-41

## Chemical Properties

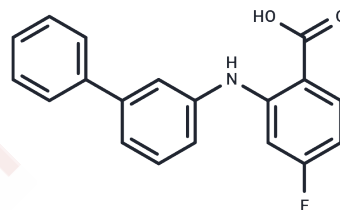
CAS No. : 2996821-30-6

Formula: C<sub>19</sub>H<sub>14</sub>FNO<sub>2</sub>

Molecular Weight: 307.32

Storage: Keep away from moisture, 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	LM-41 is a TEAD-binding agent with potential anticancer activity that strongly reduces the expression of CTGF, Cyr61, Axl and NF2, and can be used in the study of breast cancer.
Targets(IC50)	YAP

## Solubility Information

Solubility	DMSO: 120 mg/mL (390.47 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	3.2539 mL	16.2697 mL	32.5394 mL
5 mM	0.6508 mL	3.2539 mL	6.5079 mL
10 mM	0.3254 mL	1.627 mL	3.2539 mL
50 mM	0.0651 mL	0.3254 mL	0.6508 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

Fnaiche A, et al. Development of LM-41 and AF-2112, two flufenamic acid-derived TEAD inhibitors obtained through the replacement of the trifluoromethyl group by aryl rings. Bioorg Med Chem Lett. 2023 Oct 15;95:129488.

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