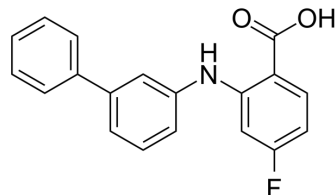


LM-41

Cat. No.:	HY-155309
CAS No.:	2996821-30-6
Molecular Formula:	C ₁₉ H ₁₄ FNO ₂
Molecular Weight:	307.32
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 140 mg/mL (455.55 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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	1.6270 mL	3.2539 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

LM-41 is a Flufenamic acid-derived TEAD inhibitor that strongly reduces the expression of CTGF, Cyr61, Axl and NF2. LM-41 inhibits migration of human MDA-MB-231 breast cancer cells^[1].

REFERENCES

[1]. Ahmed Fnaiche, 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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