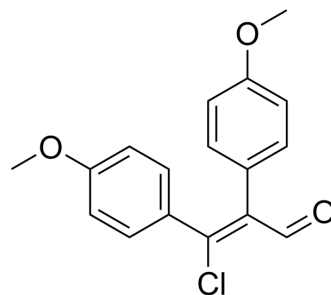


Windorphen

Cat. No.:	HY-115539		
CAS No.:	19881-70-0		
Molecular Formula:	C ₁₇ H ₁₅ ClO ₃		
Molecular Weight:	302.75		
Target:	Wnt; β -catenin; Histone Acetyltransferase		
Pathway:	Stem Cell/Wnt; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (206.44 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.3031 mL	16.5153 mL	33.0306 mL
	5 mM	0.6606 mL	3.3031 mL	6.6061 mL
	10 mM	0.3303 mL	1.6515 mL	3.3031 mL

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

BIOLOGICAL ACTIVITY

Description

Windorphen is a Wnt/ β -catenin signal inhibitor that specifically targets the function of the c-terminal transactivation domain of β -catenin-1 but not β -catenin-2. Windorphen selectively targets p300, disrupting the association of the mammalian β -catenin with p300 but not CBP^[1].

REFERENCES

[1]. Jijun Hao, et al. Selective small molecule targeting β -catenin function discovered by in vivo chemical genetic screen. Cell Rep. 2013 Sep 12;4(5):898-904.

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

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