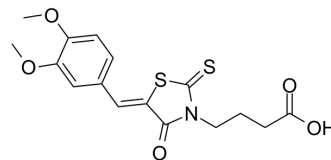


iCRT-5

Cat. No.:	HY-119383		
CAS No.:	18623-44-4		
Molecular Formula:	C ₁₆ H ₁₇ NO ₅ S ₂		
Molecular Weight:	367.44		
Target:	β-catenin		
Pathway:	Stem Cell/Wnt		
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 : 36 mg/mL (97.98 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7215 mL	13.6077 mL	27.2153 mL
5 mM	0.5443 mL	2.7215 mL	5.4431 mL
10 mM	0.2722 mL	1.3608 mL	2.7215 mL

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

BIOLOGICAL ACTIVITY

Description

iCRT-5 is a β-catenin-regulated transcription (CRT) inhibitor. iCRT-5 can block Wnt/β-catenin reporter activity and down regulate β-catenin expression. iCRT-5 can be used for the research of multiple myeloma^{[1][2]}.

IC₅₀ & Target

β-catenin-regulated transcription (CRT)^[1]

REFERENCES

[1]. Käfer R, et, al. Inhibitors of β-catenin affect the immuno-phenotype and functions of dendritic cells in an inhibitor-specific manner. *Int Immunopharmacol.* 2016 Mar;32:118-124.

[2]. Narayanan BA, et, al. Antagonistic effect of small-molecule inhibitors of Wnt/β-catenin in multiple myeloma. *Anticancer Res.* 2012 Nov;32(11):4697-707.

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

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