



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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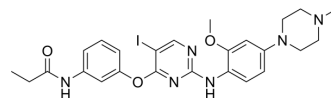
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HTH-02-006

Cat. No.:	HY-156397		
Molecular Formula:	C ₂₅ H ₂₉ N ₆ O ₃		
Molecular Weight:	588.44		
Target:	AMPK		
Pathway:	Epigenetics; PI3K/Akt/mTOR		
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 : 100 mg/mL (169.94 mM; Need ultrasonic)				
		Solvent	Mass		
		Concentration	1 mg	5 mg	
	Preparing Stock Solutions	1 mM	1.6994 mL	8.4970 mL	16.9941 mL
		5 mM	0.3399 mL	1.6994 mL	3.3988 mL
10 mM		0.1699 mL	0.8497 mL	1.6994 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.25 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.25 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	HTH-02-006 is a NUA2 inhibitor (IC ₅₀ ?=?126?nM). HTH-02-006 reduces levels of phosphorylated MYPT1 in HuCCT-1 cells. HTH-02-006 inhibits YAP-driven cell proliferation, hepatomegaly and tumorigenesis. HTH-02-006 also has antifibrotic protective effect ^{[1][2]} .
IC₅₀ & Target	126?nM (NUAK2) ^[1]

REFERENCES

[1]. Yuan WC, et al. NUA2 is a critical YAP target in liver cancer. Nat Commun. 2018 Nov 16;9(1):4834.

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

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