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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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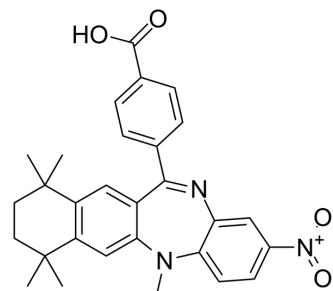
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HX531

Cat. No.:	HY-108521		
CAS No.:	188844-34-0		
Molecular Formula:	C ₂₉ H ₂₉ N ₃ O ₄		
Molecular Weight:	483.56		
Target:	RAR/RXR		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
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 : 33.33 mg/mL (68.93 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0680 mL	10.3400 mL	20.6800 mL
	5 mM		0.4136 mL	2.0680 mL	4.1360 mL
	10 mM		0.2068 mL	1.0340 mL	2.0680 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.17 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (5.17 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

HX531 is a potent RXR antagonist with an IC₅₀ of 18 nM^[1]. It has been shown to reduce triglyceride content in white adipose tissue, skeletal muscle, and the liver of mice on a high fat diet^[2].

REFERENCES

- [1]. Konta T, et al. Selective roles of retinoic acid receptor and retinoid x receptor in the suppression of apoptosis by all-trans-retinoic acid. J Biol Chem. 2001 Apr 20;276(16):12697-701.

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

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