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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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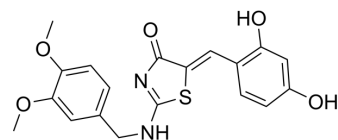
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Tyrosinase-IN-18

Cat. No.:	HY-157123		
Molecular Formula:	C ₁₉ H ₁₈ N ₂ O ₅ S		
Molecular Weight:	386.42		
Target:	Tyrosinase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (323.48 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5879 mL	12.9393 mL	25.8786 mL
	5 mM	0.5176 mL	2.5879 mL	5.1757 mL
	10 mM	0.2588 mL	1.2939 mL	2.5879 mL

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

BIOLOGICAL ACTIVITY

Description

Tyrosinase-IN-18 (compound 6) is a potent tyrosinase inhibitor. Tyrosinase-IN-18 has strong antioxidant activities against ROS, ABTS⁺, and DPPH radicals^[1].

REFERENCES

[1]. Min Kyung Kang, et al. Identification and molecular mechanism of novel 5-alkenyl-2-benzylaminothiazol-4(5H)-one analogs as anti-melanogenic and antioxidant agents. *Bioorg Chem.* 2023.

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

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