



SZABO SCANDIC

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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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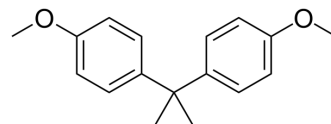
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Dimethyl-bisphenol A

Cat. No.:	HY-115746
CAS No.:	1568-83-8
Molecular Formula:	C ₁₇ H ₂₀ O ₂
Molecular Weight:	256.34
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 100 mg/mL (390.11 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.9011 mL	19.5053 mL	39.0107 mL
		5 mM		0.7802 mL	3.9011 mL	7.8021 mL
		10 mM		0.3901 mL	1.9505 mL	3.9011 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 (9.75 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Dimethyl-bisphenol A (DMBPA) is a potent HIF-1α inhibitor. Dimethyl-bisphenol A can decrease Vegfa mRNA expression ^[1] .
In Vitro	Dimethyl-bisphenol A (DMBPA; 50 μM; 30 min) significantly inhibits Vegfa120 and Vegfa164 expression in large osteoclasts (OCs) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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