



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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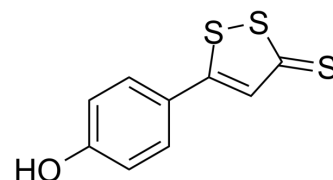
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ADT-OH

Cat. No.:	HY-109582		
CAS No.:	18274-81-2		
Molecular Formula:	C ₉ H ₆ OS ₃		
Molecular Weight:	226.34		
Target:	Apoptosis		
Pathway:	Apoptosis		
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 : 125 mg/mL (552.27 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	4.4181 mL	22.0907 mL	44.1813 mL	
		5 mM	0.8836 mL	4.4181 mL	8.8363 mL	
		10 mM	0.4418 mL	2.2091 mL	4.4181 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: ≥ 2.08 mg/mL (9.19 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (9.19 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	ADT-OH is a hydrogen sulfide-releasing donor. ADT-OH induces apoptosis and inhibits the development of melanoma in vivo by upregulating FADD. ADT-OH has the potential for the research of cancer diseases ^[1] .
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REFERENCES

[1]. Cai F, et al. ADT-OH, a hydrogen sulfide-releasing donor, induces apoptosis and inhibits the development of melanoma in vivo by upregulating FADD. Cell Death Dis. 2020;11(1):33.

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

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