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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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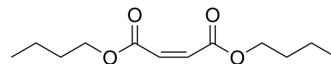
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Dibutyl maleate

Cat. No.:	HY-W009688		
CAS No.:	105-76-0		
Molecular Formula:	C ₁₂ H ₂₀ O ₄		
Molecular Weight:	228.28		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-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 (438.06 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.3806 mL	21.9029 mL	43.8059 mL
	5 mM	0.8761 mL	4.3806 mL	8.7612 mL
	10 mM	0.4381 mL	2.1903 mL	4.3806 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dibutyl maleate, the diester of the Maleic Acid, can be used as an intermediate of pharmaceutical synthesis. Dibutyl maleate can enhance contact sensitization to Fluorescein isothiocyanate in mice^[1].

REFERENCES

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

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