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Produktinformation



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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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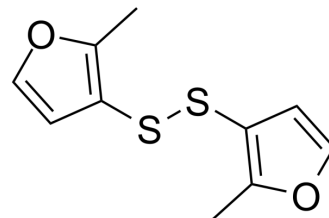
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Bis(2-methyl-3-furyl)disulfide

Cat. No.:	HY-W009708
CAS No.:	28588-75-2
Molecular Formula:	C ₁₀ H ₁₀ O ₂ S ₂
Molecular Weight:	226.31
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 (441.87 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.4187 mL	22.0936 mL	44.1872 mL
		5 mM		0.8837 mL	4.4187 mL	8.8374 mL
		10 mM		0.4419 mL	2.2094 mL	4.4187 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 (11.05 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (11.05 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Bis(2-methyl-3-furyl)disulfide, compound (2), is intended to provide a flavoring compound to enhance a natural feeling, a fresh feeling and a milk-rich feeling of a milk-related product ^[1] .
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REFERENCES

[1]. Kobayashi, et al. Flavoring composition. Assignee: Ogawa and Co., Ltd., Japan; Morinaga Milk Industry Co., Ltd.

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

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