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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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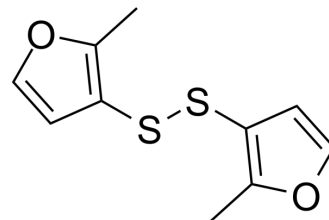
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Bis(2-methyl-3-furyl)disulfide

| | | | |
|---------------------------|---|-------|----------|
| 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) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 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] . |
|--------------------|--|

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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