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Produktinformation



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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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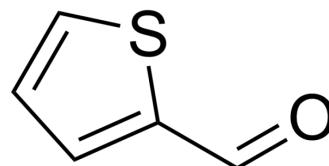
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2-Thiophenecarboxaldehyde

Cat. No.: HY-W012941
CAS No.: 98-03-3
Molecular Formula: C₅H₄OS
Molecular Weight: 112.15
Target: Endogenous Metabolite
Pathway: Metabolic Enzyme/Protease
Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (891.66 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		8.9166 mL	44.5831 mL	89.1663 mL
		5 mM		1.7833 mL	8.9166 mL	17.8333 mL
		10 mM		0.8917 mL	4.4583 mL	8.9166 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 (22.29 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (22.29 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.5 mg/mL (22.29 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2-Thiophenecarboxaldehyde is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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