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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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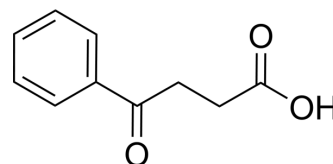
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3-Benzoylpropionic acid

Cat. No.:	HY-W001943		
CAS No.:	2051-95-8		
Molecular Formula:	C ₁₀ H ₁₀ O ₃		
Molecular Weight:	178.19		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
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 : 200 mg/mL (1122.42 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.6121 mL	28.0604 mL	56.1208 mL
	5 mM		1.1224 mL	5.6121 mL	11.2242 mL
	10 mM		0.5612 mL	2.8060 mL	5.6121 mL

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

BIOLOGICAL ACTIVITY

Description

3-Benzoylpropionic acid can be used as an intermediate in organic synthesis for the preparation of other organic compounds^[1].

REFERENCES

[1]. Sakai N, et al. One-pot synthesis of tetralin derivatives from 3-benzoylpropionic acids: indium-catalyzed hydrosilylation of ketones and carboxylic acids and intramolecular cyclization[J]. Chemistry Letters, 2015, 44(11): 1503-1505.

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

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