

Product Data Sheet

4-Bromo-2-hydroxypyridine

Cat. No.:HY-65036CAS No.:36953-37-4Molecular Formula: C_5H_4BRNO

Molecular Weight: 174

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

HO BI

SOLVENT & SOLUBILITY

In Vitro

DMSO: 100 mg/mL (574.71 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	5.7471 mL	28.7356 mL	57.4713 mL
	5 mM	1.1494 mL	5.7471 mL	11.4943 mL
	10 mM	0.5747 mL	2.8736 mL	5.7471 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 (14.37 mM); Clear solution
- 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline) Solubility: \geq 2.5 mg/mL (14.37 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.37 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

4-Bromo-2-hydroxypyridine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

 $\label{lem:caution:Product} \textbf{Caution: Product has not been fully validated for medical applications. For research use only.}$

Tel: 609-228-6898 Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

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