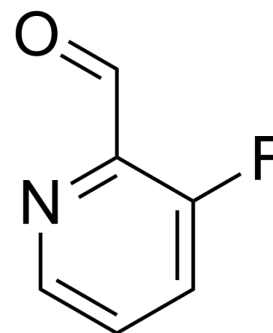


3-Fluoropyridine-2-carbaldehyde

Cat. No.: HY-W001028
CAS No.: 31224-43-8
Molecular Formula: C₆H₄FNO
Molecular Weight: 125.1
Target: Biochemical Assay Reagents
Pathway: Others
Storage: -20°C, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (799.36 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		7.9936 mL	39.9680 mL	79.9361 mL
	5 mM		1.5987 mL	7.9936 mL	15.9872 mL
	10 mM		0.7994 mL	3.9968 mL	7.9936 mL

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

BIOLOGICAL ACTIVITY

Description

3-Fluoro-2-formylpyridine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

3-Fluoropyridine-2-carboxaldehyde is used to prepare taxoids derived from 9β-dihydrobaccatin-9,10-acetals with anti-tumor activities. It is also an intermediate used to synthesize S-3578 derivatives with potent activities against both methicillin-resistant *Staphylococcus aureus* (MRSA) and *Pseudomonas aeruginosa*.
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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