

3-(2-Furoyl)quinoline-2-carboxaldehyde

Chemical Properties

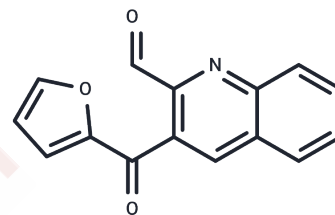
CAS No. : 126769-01-5

Formula: C₁₅H₉NO₃

Molecular Weight: 251.24

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description

3-(2-Furoyl)quinoline-2-carboxaldehyde is a versatile dye utilized across various domains. As crucial components in biological experiments, dyes facilitate the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, investigation of tissue pathology, and monitoring of microorganisms. Their utility extends from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes find extensive applications in traditional industries like textile dyeing and in novel areas such as functional textile processing, food pigments, and dye-sensitized solar cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9803 mL	19.9013 mL	39.8026 mL
5 mM	0.7961 mL	3.9803 mL	7.9605 mL
10 mM	0.398 mL	1.9901 mL	3.9803 mL
50 mM	0.0796 mL	0.398 mL	0.7961 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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