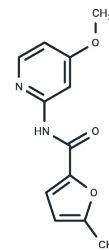


E0924G

## Chemical Properties

CAS No. : 2909474-29-7  
 Formula: C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 232.24  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	E0924G is an orally active PPAR $\delta$ agonist with an EC <sub>50</sub> of 2.82 $\mu$ M. It enhances the upregulation of osteoprotegerin (OPG) expression, with an EC <sub>50</sub> of 0.29 $\mu$ M. E0924G reduces RANKL-induced osteoclast differentiation and inhibits F-actin ring formation in RAW264.7 macrophages. Additionally, E0924G modulates bone density and bone loss in models of ovariectomy (OVX) and age-related osteoporosis.
Targets(IC50)	PPAR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3059 mL	21.5295 mL	43.0589 mL
5 mM	0.8612 mL	4.3059 mL	8.6118 mL
10 mM	0.4306 mL	2.1529 mL	4.3059 mL
50 mM	0.0861 mL	0.4306 mL	0.8612 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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