

## Anti-Heart Failure Agent 3

## Chemical Properties

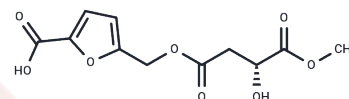
CAS No. : 2901143-47-1

Formula: C<sub>11</sub>H<sub>12</sub>O<sub>8</sub>

Molecular Weight: 272.21

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	Anti-Heart Failure Agent 3 (Compound 2) is an anti-heart failure agent with anti-inflammatory properties, discovered in processed <i>Cornus officinalis</i> . It inhibits nitric oxide release in LPS-induced RAW264.7 cells and mitigates myocardial ischemia-reperfusion injury, reducing myocardial infarct size and improving myocardial tissue pathology. This compound shows potential for heart failure research.
Targets(IC50)	NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6736 mL	18.3682 mL	36.7363 mL
5 mM	0.7347 mL	3.6736 mL	7.3473 mL
10 mM	0.3674 mL	1.8368 mL	3.6736 mL
50 mM	0.0735 mL	0.3674 mL	0.7347 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**

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