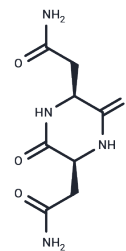


## (2S,5S)-3,6-Dioxo-2,5-piperazinediacetamide

## Chemical Properties

CAS No. :	88206-98-8
Formula:	C <sub>8</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	228.21
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	2-[(2S,5S)-5-(carbamoylmethyl)-3,6-dioxopiperazin-2-yl]acetamide is a compound used as a molecular structural unit, a cyclic dipeptide. It induces apoptosis, inhibits cell proliferation and modulates immune responses, and possesses a wide range of biological activities including antitumor, antifungal, antibacterial, antiviral and immune-conditioning activities.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 15 mg/mL (65.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3819 mL	21.9096 mL	43.8193 mL
5 mM	0.8764 mL	4.3819 mL	8.7639 mL
10 mM	0.4382 mL	2.191 mL	4.3819 mL
50 mM	0.0876 mL	0.4382 mL	0.8764 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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