

## Glyceollin I

## Chemical Properties

CAS No. :	57103-57-8
Formula:	C <sub>20</sub> H <sub>18</sub> O <sub>5</sub>
Molecular Weight:	338.36
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Glyceollin I is a selective estrogen receptor modulator targeting estrogen receptors (ER), exhibiting anticancer, antioxidant, and anti-inflammatory properties. It holds potential for research in estrogen-related tumors such as breast cancer and ovarian cancer, as well as in metabolic syndromes like hypercholesterolemia.
Targets(IC50)	Estrogen Receptor/ERR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9554 mL	14.7772 mL	29.5543 mL
5 mM	0.5911 mL	2.9554 mL	5.9109 mL
10 mM	0.2955 mL	1.4777 mL	2.9554 mL
50 mM	0.0591 mL	0.2955 mL	0.5911 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.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481