

## Antitumor agent-188

## Chemical Properties

CAS No. :

Formula: C<sub>25</sub>H<sub>44</sub>FN<sub>3</sub>O<sub>7</sub>

Molecular Weight: 517.63

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	Antitumor agent-188 (compound C6) exhibits $\alpha$ -glucosidase inhibitory activity and anticancer properties. It induces excessive ROS production, thereby triggering oxidative stress.
Targets(IC50)	Reactive Oxygen Species,Glucosidase,glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9319 mL	9.6594 mL	19.3188 mL
5 mM	0.3864 mL	1.9319 mL	3.8638 mL
10 mM	0.1932 mL	0.9659 mL	1.9319 mL
50 mM	0.0386 mL	0.1932 mL	0.3864 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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