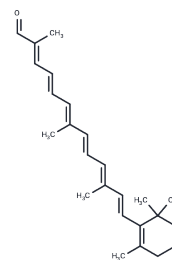


$\beta$ -Apo-12'-carotenal

## Chemical Properties

CAS No. :	1638-05-7
Formula:	C <sub>25</sub> H <sub>34</sub> O
Molecular Weight:	350.54
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	$\beta$ -Apo-12'-carotenal (12'-Apo- $\beta$ -carotenal) is a derivative of carotenoids. This compound can be isolated from pepper fruits. Carotenoids hold significant biological activity and may play roles in regulating cell differentiation, growth control, protection against photooxidation, maintaining cell membrane stability, photosynthesis, visual processes, and nutrition.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8527 mL	14.2637 mL	28.5274 mL
5 mM	0.5705 mL	2.8527 mL	5.7055 mL
10 mM	0.2853 mL	1.4264 mL	2.8527 mL
50 mM	0.0571 mL	0.2853 mL	0.5705 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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