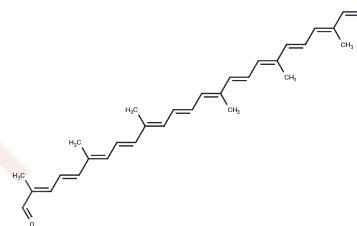


4,4'-Diapo- $\omega,\omega$ -carotene-4,4'-dial

## Chemical Properties

CAS No. :	5056-18-8
Formula:	C <sub>30</sub> H <sub>36</sub> O <sub>2</sub>
Molecular Weight:	428.61
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	4,4'-Diapo- $\omega,\omega$ -carotene-4,4'-dial is a type of carotenoid pigment. Carotenoids play significant roles in biological activities, potentially influencing cell differentiation, growth regulation, photoprotection, membrane stability, photosynthesis, vision, and nutrition.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3331 mL	11.6656 mL	23.3312 mL
5 mM	0.4666 mL	2.3331 mL	4.6662 mL
10 mM	0.2333 mL	1.1666 mL	2.3331 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481