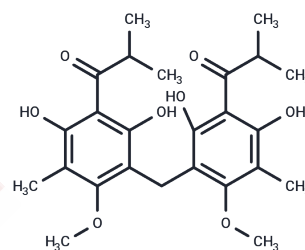


## Autophagy activator-1

## Chemical Properties

CAS No. :	99174-40-0
Formula:	C <sub>25</sub> H <sub>32</sub> O <sub>8</sub>
Molecular Weight:	460.517
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	Autophagyactivator-1 (Compound B2) is an autophagy activator that induces autophagy by downregulating key members of the HSP70 family and activating the unfolded protein response.
Targets(IC50)	HSP, Autophagy
In vitro	Autophagy activator-1 (Compound B2) at concentrations ranging from 0.5 to 10 $\mu$ M and exposure durations between 1 to 8 hours activates autophagic activity in MCF-7 and HEK-293 cells in a concentration- and time-dependent manner [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1715 mL	10.8573 mL	21.7146 mL
5 mM	0.4343 mL	2.1715 mL	4.3429 mL
10 mM	0.2171 mL	1.0857 mL	2.1715 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 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