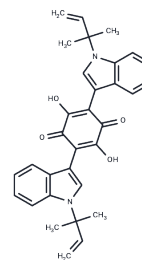


## Asterriquinone

## Chemical Properties

CAS No. :	60696-52-8
Formula:	C <sub>32</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	506.592
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	Asterriquinone (ARQ) is an analog of Asterriquinone and a Grb-2 binding inhibitor. It hinders the interaction between Grb-2 and tyrosine-phosphorylated EGFR, with an IC <sub>50</sub> of 8.37 μM. Additionally, Asterriquinone serves as an HIV1 reverse transcriptase inhibitor, with a K <sub>i</sub> of 2.3 μM, and it also inhibits the binding activities of Grb-7 and PLC-γ.
Targets(IC <sub>50</sub> )	EGFR,HIV Protease,Reverse Transcriptase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.974 mL	9.8699 mL	19.7398 mL
5 mM	0.3948 mL	1.974 mL	3.948 mL
10 mM	0.1974 mL	0.987 mL	1.974 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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