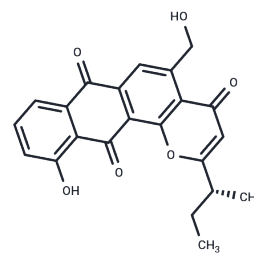


## Epicufolin

## Chemical Properties

CAS No. :	182232-96-8
Formula:	C <sub>22</sub> H <sub>18</sub> O <sub>6</sub>
Molecular Weight:	378.375
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	Epicufolin is a neuroprotective compound found in <i>Streptomyces</i> sp:cu39. It inhibits glutamate toxicity, thereby reducing or overcoming ischemic brain injury, with an EC <sub>50</sub> value of 40 nM for toxicity in N18-RE-105 cells. Epicufolin can be utilized in research on neurodegenerative diseases.
-------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6428 mL	13.2142 mL	26.4285 mL
5 mM	0.5286 mL	2.6428 mL	5.2857 mL
10 mM	0.2643 mL	1.3214 mL	2.6428 mL
50 mM	0.0529 mL	0.2643 mL	0.5286 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