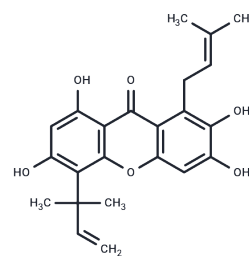


## Cudraticusxanthone A

## Chemical Properties

CAS No. :	740810-42-8
Formula:	C <sub>23</sub> H <sub>24</sub> O <sub>6</sub>
Molecular Weight:	396.43
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	Cudraticusxanthone A has potent anti-proliferative, antioxidative, and monoamine oxidase inhibitory effects, it also possesses anti-cancer activities and provide a basis for developing effective therapeutic agents to inhibit growth and metastasis of breast cancer. Cudraticusxanthone A inhibits lipopolysaccharide-induced neuroinflammation through inhibition of NF-κB and p38 MAPK pathways in BV2 microglia. Cudraticusxanthone A has antiplatelet, anticoagulant, and profibrinolytic activities, it reversibly inhibits CYP1A2, 2C8, and 2C9. It also exhibits the significant hepatoprotective effect on nitrofurantoin-induced cytotoxicity in human liver-derived Hep G2 cells.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5225 mL	12.6126 mL	25.2251 mL
5 mM	0.5045 mL	2.5225 mL	5.045 mL
10 mM	0.2523 mL	1.2613 mL	2.5225 mL
50 mM	0.0505 mL	0.2523 mL	0.5045 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

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