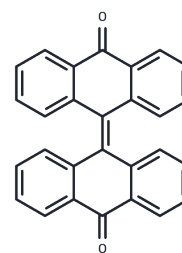


## Bianthrone

## Chemical Properties

CAS No. :	434-85-5
Formula:	C <sub>28</sub> H <sub>16</sub> O <sub>2</sub>
Molecular Weight:	384.43
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	Bianthrone is a natural product.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: Insoluble, DMSO: 3.85 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6013 mL	13.0063 mL	26.0125 mL
5 mM	0.5203 mL	2.6013 mL	5.2025 mL
10 mM	0.2601 mL	1.3006 mL	2.6013 mL
50 mM	0.052 mL	0.2601 mL	0.5203 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.

## Reference

Hirao Y , Hamamoto Y , Nagamachi N , et al. Solvent viscosity-dependent isomerization equilibrium of tetramethoxy-substituted bianthrone[J]. Physical Chemistry Chemical Physics, 2019, 21(23).

**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