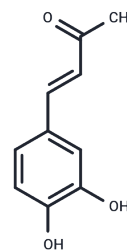


(E)-Osmundacetone

Chemical Properties

CAS No. :	123694-03-1
Formula:	C ₁₀ H ₁₀ O ₃
Molecular Weight:	178.18
Storage:	Keep away from moisture, Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	(E)-Osmundacetone is an isomer of Osmundacetone. (3E)-4-(3,4-Dihydroxyphenyl)-3-buten-2-one exhibits inhibitory activity against multiple cell lines including HCT-8, MCF-7, and Bel 7402.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (448.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6123 mL	28.0615 mL	56.123 mL
5 mM	1.1225 mL	5.6123 mL	11.2246 mL
10 mM	0.5612 mL	2.8062 mL	5.6123 mL
50 mM	0.1122 mL	0.5612 mL	1.1225 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

Tuy An Trinh, et al. Protective Effect of Osmundacetone against Neurological Cell Death Caused by Oxidative Glutamate Toxicity. *Biomolecules*.2021 Feb 22;11(2):328.

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