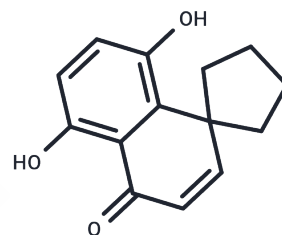


Collagen-IN-1

Chemical Properties

CAS No. :	104260-73-3
Formula:	C ₁₄ H ₁₄ O ₃
Molecular Weight:	230.26
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	Collagen-IN-1 (compound 3) is an ortho-carbonyl hydroquinone derivative that selectively inhibits collagen. It non-competitively inhibits agonist-induced platelet aggregation, with an IC ₅₀ value of 1.77 μM. Collagen-IN-1 reduces P-selectin expression, glycoprotein IIb/IIIa activation, and the release of adenosine triphosphate and CD63 from platelets. This compound is promising for research into platelet-related thrombosis diseases [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3429 mL	21.7146 mL	43.4292 mL
5 mM	0.8686 mL	4.3429 mL	8.6858 mL
10 mM	0.4343 mL	2.1715 mL	4.3429 mL
50 mM	0.0869 mL	0.4343 mL	0.8686 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