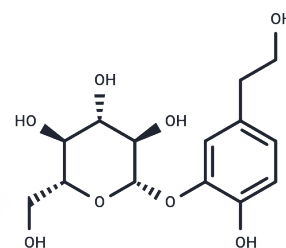


Cimidahurinine

Chemical Properties

CAS No. :	142542-89-0
Formula:	C ₁₄ H ₂₀ O ₈
Molecular Weight:	316.3
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	Cimidahurinine can attenuate Doxorubicin (DOX)-induced cardiotoxicity in a dose-dependent manner with EC ₅₀ values of 45.79 μ M; it protects against cardiotoxicity by decreasing reactive oxygen species (ROS) accumulation and downregulating apoptosis-related Bax/Bcl-2 proteins.
Targets(IC ₅₀)	Bcl-2 Family, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1616 mL	15.8078 mL	31.6156 mL
5 mM	0.6323 mL	3.1616 mL	6.3231 mL
10 mM	0.3162 mL	1.5808 mL	3.1616 mL
50 mM	0.0632 mL	0.3162 mL	0.6323 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