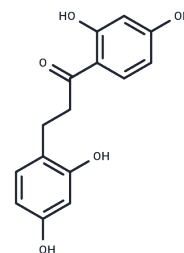


Tyrosinase-IN-11

Chemical Properties

CAS No. :	240797-64-2
Formula:	C ₁₅ H ₁₄ O ₅
Molecular Weight:	274.27
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	Tyrosinase-IN-11, a potent inhibitor of tyrosinase, exhibits IC ₅₀ values of 50 nM and 64 nM for L-tyrosinase and L-dopa (L-dopa), respectively. It demonstrates significant antioxidant activity coupled with low cytotoxicity, highlighting its potential for research on skin hyperpigmentation.
Targets(IC ₅₀)	Others, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.646 mL	18.2302 mL	36.4604 mL
5 mM	0.7292 mL	3.646 mL	7.2921 mL
10 mM	0.3646 mL	1.823 mL	3.646 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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

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