

Tyrosinase-IN-40

Chemical Properties

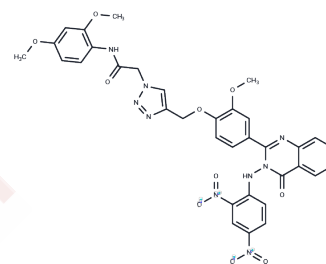
CAS No. :

Formula: C34H29N9O10

Molecular Weight: 723.648

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-40 (Compound 9r) is a competitive inhibitor of tyrosinase, boasting an IC50 value of 17.02 μ M and a Ki value of 14.87 μ M. This compound also exhibits antioxidant activity and can be utilized in studies related to melanin.
Targets(IC50)	Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3819 mL	6.9094 mL	13.8188 mL
5 mM	0.2764 mL	1.3819 mL	2.7638 mL
10 mM	0.1382 mL	0.6909 mL	1.3819 mL
50 mM	0.0276 mL	0.1382 mL	0.2764 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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