

Tyrosinase-IN-32

Chemical Properties

CAS No. :

Formula: C₁₅H₁₉NO₃

Molecular Weight: 261.32

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-32 (compound 11), a hydroxamate-based alkaloid extracted from black pepper (<i>Piper nigrum</i> L.), functions as an inhibitor of mushroom tyrosinase. In addition to its inhibitory properties, it exhibits antioxidant activity.
Targets(IC50)	Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8267 mL	19.1336 mL	38.2673 mL
5 mM	0.7653 mL	3.8267 mL	7.6535 mL
10 mM	0.3827 mL	1.9134 mL	3.8267 mL
50 mM	0.0765 mL	0.3827 mL	0.7653 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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