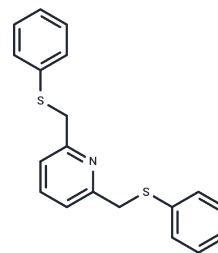


Tyrosinase-IN-33

Chemical Properties

CAS No. :	137058-21-0
Formula:	C ₁₉ H ₁₇ NS ₂
Molecular Weight:	323.48
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-33 (compound 5), a pyridine-based compound, acts as an effective inhibitor of diphenolase activity in mushroom tyrosinase. It significantly reduces enzyme activity with an IC ₅₀ of 9.0 μM.
Targets(IC ₅₀)	Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0914 mL	15.4569 mL	30.9138 mL
5 mM	0.6183 mL	3.0914 mL	6.1828 mL
10 mM	0.3091 mL	1.5457 mL	3.0914 mL
50 mM	0.0618 mL	0.3091 mL	0.6183 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481