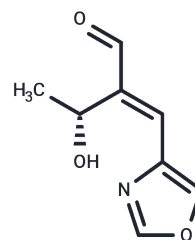


Melanoxazal

Chemical Properties

CAS No. :	178275-98-4
Formula:	C ₈ H ₉ NO ₃
Molecular Weight:	167.16
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	Melanoxazal is an inhibitor of melanin biosynthesis, effectively suppressing melanin formation in silkworm larva hemolymph with an IC ₅₀ of 30.1 µg/mL, and it also exhibits strong inhibitory effects on mushroom tyrosinase (IC ₅₀ of 4.2 µg/mL), while lacking antibacterial activity.
Targets(IC ₅₀)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9823 mL	29.9115 mL	59.8229 mL
5 mM	1.1965 mL	5.9823 mL	11.9646 mL
10 mM	0.5982 mL	2.9911 mL	5.9823 mL
50 mM	0.1196 mL	0.5982 mL	1.1965 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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