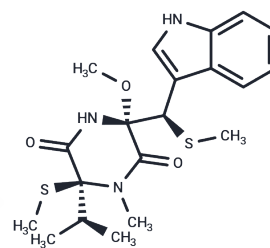


Phaeosphaone D

Chemical Properties

CAS No. :	2640137-78-4
Formula:	C ₂₀ H ₂₇ N ₃ O ₃ S ₂
Molecular Weight:	421.58
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	Phaeosphaone D, a thiodiketopiperazine alkaloid isolated from the endophytic fungus <i>Phaeosphaeria fuckelii</i> , exhibits inhibitory activity against mushroom tyrosinase, with an IC ₅₀ value of 33.2 μM [1].
Targets(IC ₅₀)	Others, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.372 mL	11.8601 mL	23.7203 mL
5 mM	0.4744 mL	2.372 mL	4.7441 mL
10 mM	0.2372 mL	1.186 mL	2.372 mL
50 mM	0.0474 mL	0.2372 mL	0.4744 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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