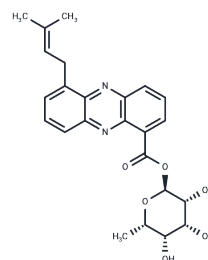


## Phenazoviridin

## Chemical Properties

CAS No. :	155233-15-1
Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	438.47
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	Phenazoviridin is a newly discovered microbial free radical scavenger isolated from the culture medium of Streptomyces HR04. It is an anti-hypoxic compound with strong inhibitory activity against lipid peroxidation in rat brain homogenates and anti-hypoxic activity in mice.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2807 mL	11.4033 mL	22.8066 mL
5 mM	0.4561 mL	2.2807 mL	4.5613 mL
10 mM	0.2281 mL	1.1403 mL	2.2807 mL
50 mM	0.0456 mL	0.2281 mL	0.4561 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.

## Reference

Kato S, Shindo K, Yamagishi Y, Matsuoka M, Kawai H, Mochizuki J. Phenazoviridin, a novel free radical scavenger from Streptomyces sp. Taxonomy, fermentation, isolation, structure elucidation and biological properties. J Antibiot (Tokyo). 1993 Oct;46(10):1485-93. PubMed PMID: 8244877.

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