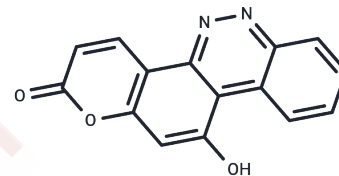


Necatorin

Chemical Properties

CAS No. :	89915-35-5
Formula:	C ₁₅ H ₈ N ₂ O ₃
Molecular Weight:	264.24
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	Necatorin is a mutagenic compound from edible mushroom Lactarius necator.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7844 mL	18.9222 mL	37.8444 mL
5 mM	0.7569 mL	3.7844 mL	7.5689 mL
10 mM	0.3784 mL	1.8922 mL	3.7844 mL
50 mM	0.0757 mL	0.3784 mL	0.7569 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

- Suortti T. Stability of necatorin, a highly mutagenic compound from Lactarius necator mushroom. Food Chem Toxicol. 1984 Jul;22(7):579-81. PubMed PMID: 6547686.
- Suortti T. Improved analytical and preparative methods for necatorin from Lactarius necator (Fr.) Karst mushroom. J Chromatogr. 1984 Sep 28;301(1):303-7. PubMed PMID: 6548757.
- von Wright A, Suortti T. Preliminary characterization of the mutagenic properties of 'necatorin', a strongly mutagenic compound of the mushroom Lactarius necator. Mutat Res. 1983 Aug;121(2):103-6. PubMed PMID: 6348529.

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