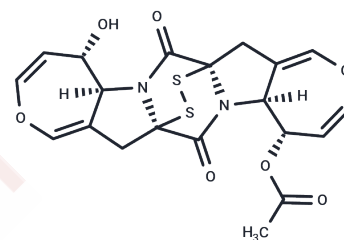


Aranotin

Chemical Properties

CAS No. :	19885-51-9
Formula:	C ₂₀ H ₁₈ N ₂ O ₇ S ₂
Molecular Weight:	462.5
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	Aranotin is a fungal toxin isolated from <i>Arachniotus aureus</i> with activity against RNA viruses such as poliovirus, coxsackie virus, and rhino- and parainfluenza viruses. Aranotin inhibits viral RNA synthesis by impeding the activity of RNA-dependent RNA polymerase.
Targets(IC50)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1622 mL	10.8108 mL	21.6216 mL
5 mM	0.4324 mL	2.1622 mL	4.3243 mL
10 mM	0.2162 mL	1.0811 mL	2.1622 mL
50 mM	0.0432 mL	0.2162 mL	0.4324 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

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- Nagarajan R, Neuss N, Marsh MM. Aranotin and related metabolites. 3. Configuration and conformation of acetylaranotin. *J Am Chem Soc*. 1968 Nov 6;90(23):6518-9. PubMed PMID: 5682450.

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