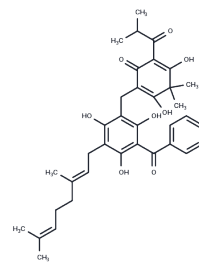


## Sarothralin G

## Chemical Properties

CAS No. :	130756-15-9
Formula:	C <sub>36</sub> H <sub>42</sub> O <sub>8</sub>
Molecular Weight:	602.71
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	Sarothralin G, an antibacterial compound, is isolated from <i>Hypericum japonicum</i> Thunb. Its structure comprises phenolic aldehyde and aromatic acid components, demonstrating superior antibacterial activity against Gram-positive bacteria such as <i>Staphylococcus aureus</i> , <i>Bacillus subtilis</i> , and <i>Nocardia</i> species. This activity surpasses that of Sarothralen A, B and Saroaspidin A, B, C, highlighting Sarothralin Gs significant antimicrobial potential.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6592 mL	8.2959 mL	16.5917 mL
5 mM	0.3318 mL	1.6592 mL	3.3183 mL
10 mM	0.1659 mL	0.8296 mL	1.6592 mL
50 mM	0.0332 mL	0.1659 mL	0.3318 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.

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