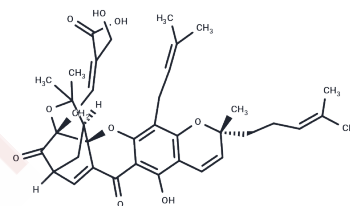


## R-30-Hydroxygambogic acid

## Chemical Properties

CAS No. :	881027-35-6
Formula:	C <sub>38</sub> H <sub>44</sub> O <sub>9</sub>
Molecular Weight:	644.75
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	R-30-Hydroxygambogic acid, a polyprenylated xanthone epimer isolated from the gamboge of <i>Garcinia hanburyi</i> , exhibits cytotoxicity against human leukemia K562 cell lines, with IC <sub>50</sub> values of 2.89 μM for the resistant strain (K562/R) and 1.27 μM for the sensitive strain (K562/S). This compound is utilized in cancer research [1].
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.551 mL	7.7549 mL	15.5099 mL
5 mM	0.3102 mL	1.551 mL	3.102 mL
10 mM	0.1551 mL	0.7755 mL	1.551 mL
50 mM	0.031 mL	0.1551 mL	0.3102 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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