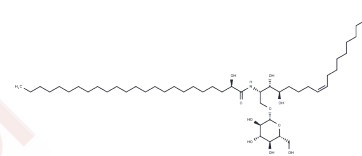


## Phytolacca cerebroside

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 336622-97-0   |
| Formula:          | C <sub>48</sub> H <sub>93</sub> NO <sub>10</sub>  |
| Molecular Weight: | 844.25  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Phytolacca cerebroside is a natural product isolated from <i>Desmodium gangeticum</i> exhibiting inhibitory activity against <i>Leishmania donovani</i> . |
| Targets(IC50) | Parasite  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.1845 mL | 5.9224 mL | 11.8448 mL |
| 5 mM  | 0.2369 mL | 1.1845 mL | 2.369 mL   |
| 10 mM | 0.1184 mL | 0.5922 mL | 1.1845 mL  |
| 50 mM | 0.0237 mL | 0.1184 mL | 0.2369 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

Mishra PK, et al. Glycolipids and other constituents from *Desmodium gangeticum* with antileishmanial and immunomodulatory activities. *Bioorg Med Chem Lett.* 2005;15(20):4543-4546.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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