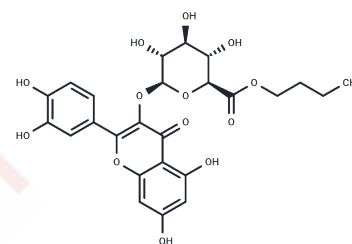


## Parthenosin

## Chemical Properties

CAS No. : 166196-16-3  
 Formula: C<sub>25</sub>H<sub>26</sub>O<sub>13</sub>  
 Molecular Weight: 534.47  
 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	Parthenosin (Quercetin 3-O-β-D-glucuronide butyl ester), a flavonoid derived from the aerial parts of Calligoum polygonoides, exhibits cytotoxic properties with IC <sub>50</sub> values of 60.46 μg/mL for HepG2 and 61.4 μg/mL for MCF-7 cell lines [1].
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.871 mL	9.3551 mL	18.7101 mL
5 mM	0.3742 mL	1.871 mL	3.742 mL
10 mM	0.1871 mL	0.9355 mL	1.871 mL
50 mM	0.0374 mL	0.1871 mL	0.3742 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481