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**Product Data Sheet**

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Product Name: Caesappanin C

Cat. No.: GC35578

**Chemical Properties**

Cas. No. 1913319-59-1

SMILES OC1=C(O)C=C2C(C3=CC=C(O)C=C3OC[C@](O)(CC4=CC(O)=C(O)C=C4C5=CC=C(O)C=C5OC[C@@](CO)(O)C2)CO)=C1Formula C<sub>32</sub>H<sub>32</sub>O<sub>12</sub> M.Wt 608.59

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Caesappanin C, a biphenyl dimer from the ethanolic extract of the heartwood of Indonesian *Caesalpinia sappan* L., shows strong proliferation stimulating activity against the primary osteoblastic cells in vitro. Caesappanin C has the potential to stimulate bone formation and regeneration[1].

[1]. Subehan, et al. Phytochemical investigation of the active constituents from *Caesalpinia sappan* on stimulation of osteoblastic cells. *Plant Biotechnology*, 2014,31(5), 505-509.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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