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**Product Data Sheet**

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Product Name: Bryodulcosigenin

Cat. No.: GC35560

**Chemical Properties**

Cas. No. 4965-97-3

SMILES CC12C3C(C4C(C(C)(C(O)CC4)C)=CC3)(C(CC1(C(C(C)CCC(O)C(C)(O)C)CC2)C)=O)CFormula C<sub>30</sub>H<sub>50</sub>O<sub>4</sub>

M.Wt 474.72

Solubility DMSO : 100 mg/mL (210.65 mM; Need ultrasonic) 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**

Bryodulcosigenin is an extract of the roots of Bryoniadioica with anti-inflammatory effect[1].

[1]. Ukiya M, et al. Anti-inflammatory and anti-tumor-promoting effects of cucurbitane glycosides from the roots of Bryonia dioica. J Nat Prod. 2002 Feb;65(2):179-83.

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

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