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**Product Data Sheet**


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Product Name: Aloeresin D

Cat. No.: GC35299

**Chemical Properties**

Cas. No. 105317-67-7

SMILES O=C1C=C(C[C@H](O)C)OC2=C([C@H]3[C@@H]([C@H]([C@@H]([C@@H](CO)O3)O)O)OC(/C=C/C4=CC=C(O)C=C4)=O)C(OC)=CC(C)=C12

Formula C<sub>29</sub>H<sub>32</sub>O<sub>11</sub> M.Wt 556.56

Solubility DMSO : 250 mg/mL (449.19 mM; ultrasonic and warming and heat to 60°C) 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**

Aloeresin D is a chromone glycoside isolated from Aloe vera, inhibits  $\beta$ -Secretase (BACE1) activity, with an IC<sub>50</sub> of 39  $\mu$ M[1].

[1]. Lv L, et al. BACE1 (beta-secretase) inhibitory chromone glycosides from Aloe vera and Aloe nobilis. Planta Med. 2008 Apr;74(5):540-5.

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

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