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**Product Data Sheet**

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Product Name: Aloenin  
Cat. No.: GC64554

**Chemical Properties**

Cas. No. 38412-46-3

Formula C<sub>19</sub>H<sub>22</sub>O<sub>10</sub> M.Wt 410.37

Solubility Storage 4°C, protect from light

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**

Aloenin (Aloenin A) is a natural compound, which has potent peroxy radical-scavenging activities and moderate inhibitory active on  $\beta$ -secretase (BACE)[1][2].

[1]. Sun YN, et al. Antioxidant and anti-osteoporotic effects of anthraquinones and related constituents from the aqueous dissolved Aloe exudates. Nat Prod Res. 2017 Dec;31(23):2810-2813.

[2]. Gao B, et al. Active constituents from Aloe arborescens as BACE inhibitors. Yao Xue Xue Bao. 2006 Oct;41(10):1000-3.

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

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