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## Product Data Sheet

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Product Name: Clematichinenoside AR

Cat. No.: GC64524

### Chemical Properties

Cas. No. 761425-93-8

Formula C82H134O43 M.Wt 1807.92

Solubility Storage 4°C, away from moisture and 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

Clematichinenoside AR is a major active ingredient that could be extracted from the traditional Chinese herb Clematis chinensis and has potent pharmacological effects on various diseases, including atherosclerosis (AS)[1].

Clematichinenoside AR alleviates foam cell formation and the inflammatory response in Ox-LDL-induced RAW264.7 cells by activating autophagy[1].

Clematichinenoside AR induces immunosuppression involving Treg cells in Peyer's patches of rats with adjuvant induced arthritis[2].

[1]. Yajing Diao, et al. Clematichinenoside AR Alleviates Foam Cell Formation and the Inflammatory Response in Ox-LDL-Induced RAW264.7 Cells by Activating Autophagy. Inflammation. 2021 Apr;44(2):758-768.

[2]. Ying Xiong, et al. Clematichinenoside AR induces immunosuppression involving Treg cells in Peyer's patches of rats with adjuvant induced arthritis. J Ethnopharmacol. 2014 Sep 11;155(2):1306-14.

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

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