

## AAA biochemical

AAA

CATALOG #  
**AAA227080**

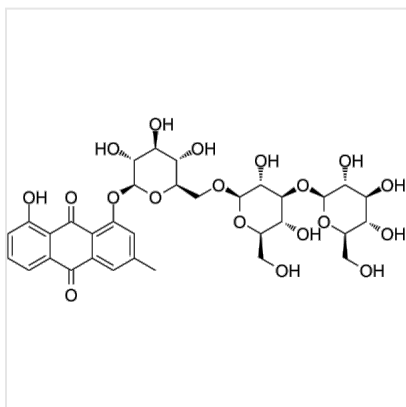
### PRODUCT SYNONYMS

AAA; AAA biochemical

### PRODUCT SPECIFICATIONS

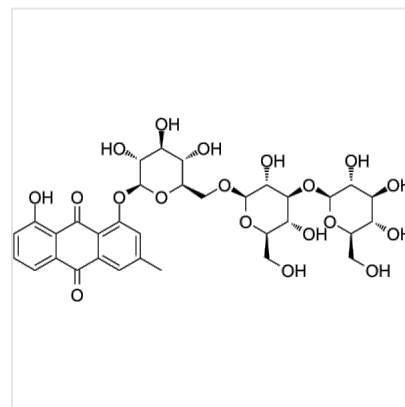
|                         |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                           |
| Solubility              | DMSO: Slightly soluble<br><br>PBS (pH 7.2): 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                            |
| In vitro                | In vivo, AAA (10 mg/kg per day) reduces systolic blood pressure, albuminuria, renal angiotensin II levels, and cardiac hypertrophy in a Cyp1a1-Ren-2 transgenic rat model of malignant hypertension when administered prior to induction or after establishment of hypertension. <sup>2</sup> |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                      |

### IMAGES



Structure

Chrysophanol triglucoside, CAS 120181-07-9



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### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AAA biochemical | AAA is an antagonist of G protein-coupled receptor 75 (GPR75). <sup>1</sup> It increases basal GPR75 protein levels and inhibits 20-HETE-induced reductions in GPR75 protein levels in PC3 cells. AAA (5 and 10 uM) also reduces 20-HETE-induced phosphorylation of EGFR, NF-kappaB, and Akt in, and cell migration of, PC3 cells. |
| References                                      | 1. Jung HA, et, al. Promising Inhibitory Effects of Anthraquinones, Naphthopyrone, and Naphthalene Glycosides, from Cassia obtusifolia on alpha-Glucosidase and Human Protein Tyrosine Phosphatases 1B. Molecules. 2016 Dec 27; 22(1): 28.                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/aaa/227080>