

AAA biochemical

AAA

CATALOG #
AAA227080

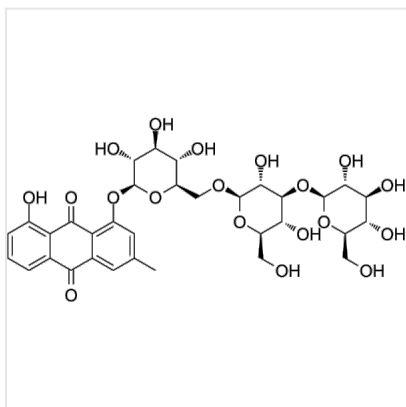
PRODUCT SYNONYMS

AAA; AAA biochemical

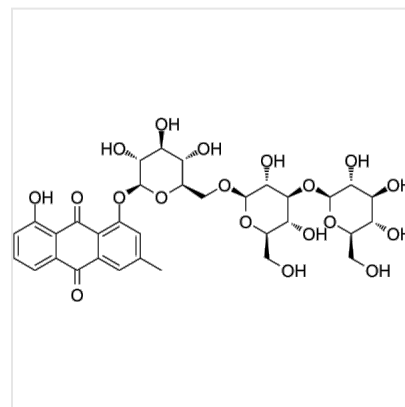
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Slightly soluble PBS (pH 7.2): 1 mg/mL <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. ²
Preparation and Storage	Powder: -20 degree C for 3 years 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). ¹ It increases basal GPR75 protein levels and inhibits 20-HETE-induced reductions in GPR75 protein levels in PC3 cells. AAA (5 and 10 μ M) 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://stage.aaabiotech.com/biochemical/aaa/227080>