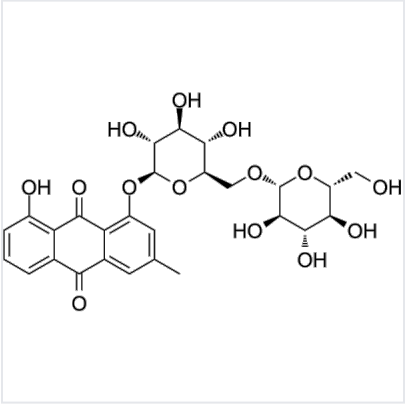
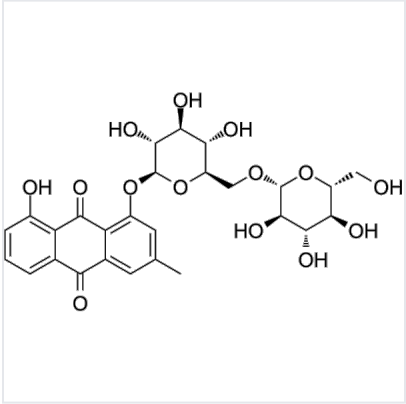
TRV055

PRODUCT OVERVIEW

Product Name	TRV055, Biochemical
Full Product Name	TRV055
Purity/Purification	98%
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years
CAS	25849-90-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	TRV055 is a "gain-of-function" ligand that have 10-fold greater allosteric coupling to Gq than AngII and is also more efficacious in stimulating cellular Gq-mediated signaling (e.g., IP1 generation). Compared to the endogenous ligand angiotensin II (AngII), "Gq-biased" AT1R agonists are more efficacious in stimulating Gq-mediated cellular signaling and in allosterically promoting Gq coupling[1].
Related Product Information for TRV055 biochemical	TRV055 is a Gq-biased ligand of the angiotensin II receptor type 1 (AT1R). TRV055 is efficacious in stimulating cellular Gq-mediated signaling. TRV055 can be used to develop the Gq-biased AT1R agonists.
Product References and Citations for TRV055 biochemical	1. Paudel P, et al. In Vitro and in Silico Human Monoamine Oxidase Inhibitory Potential of Anthraquinones, Naphthopyrones, and Naphthalenic Lactones from Cassia obtusifolia Linn Seeds. ACS Omega. 2019;4(14):16139-16152. Published 2019 Sep 18.
Other Notes	Small volumes of TRV055 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRV055 purchase	MBS5800502 is a biochemical targeting TRV055.



Structure of TRV055 biochemical
Chrysophanol-1-O-beta-gentiobioside, CAS 54944-38-6



Structure of TRV055 biochemical
Chrysophanol-1-O-beta-gentiobioside, CAS 54944-38-6

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/biochemical/trv055/5800502