

RG-101 biochemical

RG-101

 CATALOG #
AAA227988

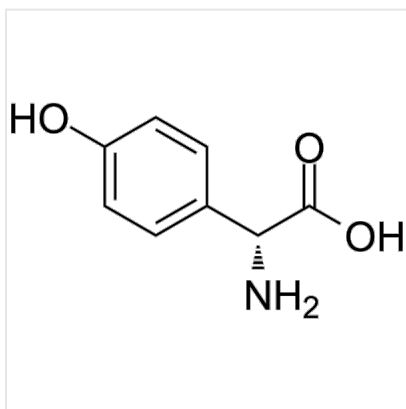
PRODUCT SYNONYMS

RG-101; 4-Hydroxy-D-phenylglycine; D-(-)-4-Hydroxyphenylglycine; RG-101 biochemical

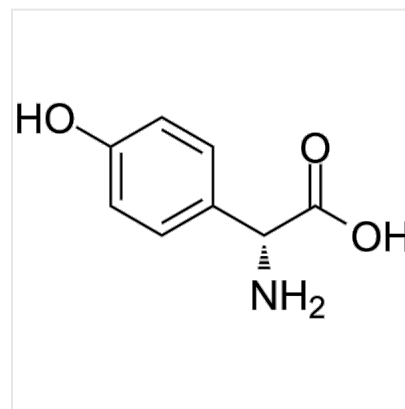
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1929655-04-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	RG-101 is a mixed chemistry phosphorothioate oligonucleotide inhibitor of miR-122 that is linked to a multivalent N-acetylgalactosamine carbohydrate structure designed to enhance uptake of the oligonucleotide by hepatocytes through binding to the asialoglycoprotein receptor on hepatocytes[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
D-4-Hydroxyphenylglycine, CAS 22818-40-2



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ADDITIONAL INFORMATION

Related Product Information for RG-101 biochemical	RG-101 is a hepatocyte targeted N-acetylgalactosamine conjugated oligonucleotide that antagonises miR-122. miR-122 is an important host factor for hepatitis C virus (HCV) replication.
References	1. Yu H, et al. Efficient biocatalytic production of D-4-hydroxyphenylglycine by whole cells of recombinant <i>Ralstonia pickettii</i> . <i>Folia Microbiol (Praha)</i> . 2009;54(6):509-515.

NCBI AND UNIPROT INFORMATION

Molecular Weight	167.164
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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/rg-101/227988>