

Heliotrine N-oxide Biochemical

Heliotrine N-oxide

CATALOG #
AAA228803

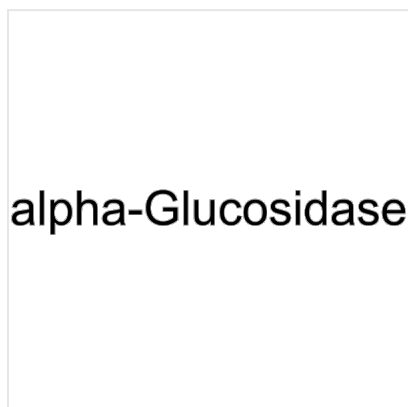
PRODUCT SYNONYMS

Heliotrine N-oxide; alpha-D-Glucosidase; Heliotrine N-oxide biochemical

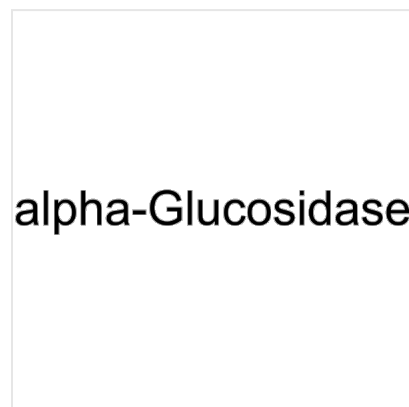
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	6209-65-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	DNA adduct is a segment of DNA bound to a cancer-causing chemical. This process could be the start of a cancerous cell, or carcinogenesis.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
alpha-Glucosidase, CAS 9001-42-7



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ADDITIONAL INFORMATION

Related Product Information for Heliotrine N-oxide biochemical	Heliotrine N-oxide is the corresponding PA (pyrrolizidine alkaloid) N-oxide of Heliotrine (HY-126128). Heliotrine N-oxide leads to the formation of pyrrolic DNA adducts and potential initiation of PA-induced liver tumors in vivo.
References	1. Kumar S, et, al. alpha-glucosidase inhibitors from plants: A natural approach to treat diabetes. Pharmacogn Rev. 2011 Jan;5(9):19-29. 2. Laar FA, et, al. Alpha-glucosidase inhibitors for patients with type 2 diabetes: results from a Cochrane systematic review and meta-analysis. Diabetes Care. 2005 Jan;28(1):154-63.

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.