

DT-109, Induces glutathione biosynthesis

Catalog	Unit
TBI5732-100MG	100 mg
TBI5732-500MG	500 mg

Product Details

Formal Name: Glycyl-glycyl-L-leucine

Alternate Names: Gly-Gly-Leu-OH

Molecular Formula: C₁₀H₁₉N₃O₄

Formula Weight: 245.3

CAS Number: 14857-82-0

Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml with warming), or in Water (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.

Applications

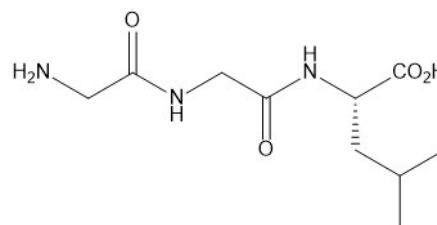
Induces glutathione biosynthesis

Functions

Glycine-containing peptide which has been demonstrated to ameliorate nonalcoholic fatty liver disease (NAFLD). It improved body composition, and lowered circulating glucose, lipids, transaminases, proinflammatory cytokines and steatohepatitis in mice with established NASH. It dose-dependently attenuates NASH and fibrosis in mice as well as in nonhuman primates. It induced glutathione biosynthesis in mononuclear cells and demonstrated atheroprotective activity.

Application Procedures

First dissolved in DMSO (25 mg/ml with warming) or Water (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or water may be stored at -20°C for up to 1 month.



For research use only.