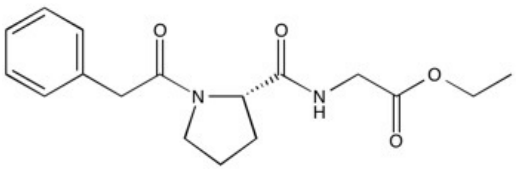
Tribioscience

Noopept, Nootropic and neuroprotective agent

Catalog	Unit
TBI2682-10MG	10 mg
TBI2682-50MG	50 mg

Product Details

Formal Name: 1-(2-Phenylacetyl)-L-prolyl-glycine ethyl ester
Alternate Names: SGS-111; GVS 111
Molecular Formula: $C_{17}H_{22}N_2O_4$
Formula Weight: 318.37
CAS Number: 157115-85-0
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml)
Storage: -20°C
Stability: ≥ 1 year.



Applications

Nootropic and neuroprotective agent

Functions

A novel proline-containing dipeptide with nootropic and cognition-enhancing activity. Rescues α-synuclein amyloid toxicity in cellular models. Stimulates the expression of NGF and BDNF in rat hippocampus. Improves viability of hippocampal HT-22 neurons in a glutamate toxicity model. Normalizes blood glucose level and tolerance to glucose load in a streptozotocin diabetic rat model of developing diabetes.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.

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