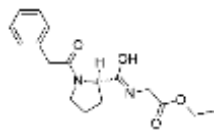


**PRODUCT: Noopept****ALTERNATE NAMES:** 1-(2-Phenylacetyl)-L-prolyl-glycine ethyl ester; or N-Phenylacetyl-L-prolylglycine ethyl ester; SGS-111; GVS 111**CATALOG NUMBER:** B2148-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 318.4**CAS NUMBER:** 157115-85-0**APPEARANCE:** White powder**SOLUBILITY:** DMSO (25 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Noopept is 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.**REFERENCE:** Ostrovskaya, R.U., *et al.* (2007). *J. Psychopharmacol.* **21**,611-619.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Aftin-4 (Cat. No. 2574-1, 5)

APP Antibody (Cat. No. 6001-100)

Beta-Secretase, human recombinant (Cat. No. 7604-20, 100, 1000)

Beta-Secretase Activity Assay Kit (Cat. No. K360-100)

Beta Secretase Inhibitor I (Cat. No. 7501-1)

Beta Secretase Inhibitor II (Cat. No. 7502-1)

Compound 34 (Cat. No. 1898-200, 1000)

Compound E (Cat. No. 1949-250, 1000)

Compound W (Cat. No. 2208-50, 250)

DAPT (Cat. No. 1855-5)

L-685, 258 (Cat. No. 1713-250)

LY2886721 (Cat. No. 2399-5, 25)

RO4929097 (Cat. No. 2011-1, 5)

Semagacestat (Cat. No. 2430-1, 5)

TACE Antibody (Cat. No. 3222-100)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**