MOLNOVA
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# Datasheet (Version 1.0)

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|---|---|---|
| **Product Name** | : | Neuropeptide Y (29-64), amide, human TFA |
| **Synonyms** | : | |
| **Cat No.** | : | M30037 |
| **CAS Number** | : | |
| **Molecular Formula** | : | C191H286F3N55O59S |
| **Formula Weight** | : | 4385.7 |
| **Chemical Name** | : | |
| **Description** | : | Neuropeptide Y (29-64), amide, human (TFA) is involved in Alzheimer's disease (AD) and protects rat cortical neurons against β-Amyloid toxicity.It is showed that Neuropeptide Y (29-64), amide, human (TFA) is able to protect cortical neurons from Aβ25-35 toxicity.(In Vitro):It is showed that Neuropeptide Y (29-64), amide, human (TFA) is able to protect cortical neurons from Aβ25-35 toxicity. 2 μM NPY abolishes the toxic effects of Aβ25-35 at 24 and 48 h. The same effect on neuronal survival is observed in neurons exposed to 1 μM and 0.5 μM Neuropeptide Y (29-64), amide, human (TFA) pretreatments. Pretreatment with Neuropeptide Y (29-64), amide, human (TFA) Increases NGF Synthesis, reduces NGF mRNA, and restores NGF release in cortical neurons exposed to Aβ35-25. |
| **Pathway** | : | Others |
| **Target** | : | Other Targets |
| **Receptor** | : | —— |
| **Solubility** | : | —— |
| **SMILES** | : | —— |
| **Storage** | : | (-20℃) |
| **Stability** | : | ≥ 2 years |
| **Reference** | : | |

Croce N, et al. Neuropeptide Y protects rat cortical neurons against β-amyloid toxicity and re-establishes synthesis and release of nerve growth factor. ACS Chem Neurosci. 2012 Apr 18;3(4):312-8.