

# Piracetam

**Catalog No: tcsc2774**



## Available Sizes

**Size:** 1g

**Size:** 5g



## Specifications

**CAS No:**

7491-74-9

**Formula:**

$C_6H_{10}N_2O_2$

**Pathway:**

Membrane Transporter/Ion Channel;Neuronal Signaling

**Target:**

iGluR;iGluR

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O : ≥ 50 mg/mL (351.72 mM); DMSO : ≥ 100 mg/mL (703.43 mM)

**Alternative Names:**

UCB-6215

**Observed Molecular Weight:**

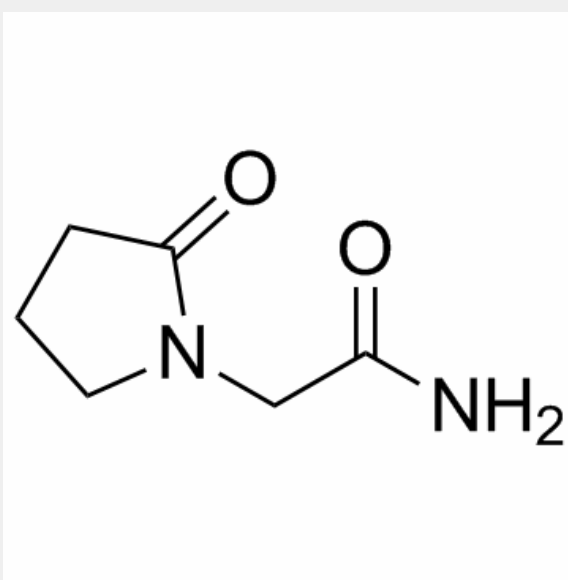
142.16

## Product Description

Piracetam is a cyclic derivative of the neurotransmitter gamma-aminobutyric acid (GABA), used in treatment of a wide range of cognitive disorders.

Target: Others

Piracetam is able to significantly decrease the fusogenic and destabilising effect of Abeta 29-42, in a concentration-dependent manner. Preincubation of piracetam, at a piracetam/peptide ratio of 960, during 20 min before the addition of Abeta 29-42 prevents almost completely the mixture of the two fluorescent probes. Preincubation of piracetam with lipids prevents almost completely the release of calcein induced by the peptide in a dose-dependent fashion (piracetam/peptide ratios from 9.6 to 960) [1]. Piracetam (



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