

2',3'-cyclic-nucleotide 3'-phosphodiesterase

Cat. No. EXWM-3720

Lot. No. (See product label)

Introduction

Description

The brain enzyme acts on 2',3'-cyclic AMP more rapidly than on the UMP or CMP derivatives. An enzyme from liver acts on 2',3'-cyclic CMP more rapidly than on the purine derivatives; it also hydrolyses the corresponding 3',5'-cyclic phosphates, but more slowly. This latter enzyme has been called cyclic-CMP phosphodiesterase.

Synonyms

cyclic-CMP phosphodiesterase; 2',3'-cyclic AMP phosphodiesterase; cyclic 2',3'-nucleotide 3'-phosphodiesterase; cyclic 2',3'-nucleotide phosphodiesterase; 2',3'-cyclic nucleoside monophosphate phosphodiesterase; 2',3'-cyclic nucleotide 3'-phosphohydrolase; CNPase; 2',3'-cyclic nucleotide phosphohydrolase; 2':3'-cyclic nucleotide 3'-phosphodiesterase; 2':3'-CNMP-3'-ase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.4.37

CAS No.

60098-35-3

Reaction

nucleoside 2',3'-cyclic phosphate + H₂O = nucleoside 2'-phosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.