

histamine N-methyltransferase

Cat. No. EXWM-1981

Lot. No. (See product label)

Introduction

Description

Histamine N-methyltransferase (HMT, HNMT) is an enzyme that in humans is encoded by the HNMT gene. Histamine N-methyltransferase is one of two enzymes involved in the metabolism of histamine, the other being diamine oxidase. Histamine N-methyltransferase catalyzes the methylation of histamine in the presence of S-adenosylmethionine (SAM) forming N-methylhistamine.

Synonyms

histamine 1-methyltransferase; histamine methyltransferase; histamine-methylating enzyme; imidazole-methyltransferase; S-adenosylmethionine-histamine N-methyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.8

CAS No.

9029-80-5

Reaction

S-adenosyl-L-methionine + histamine = S-adenosyl-L-homocysteine + N τ -methylhistamine

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.