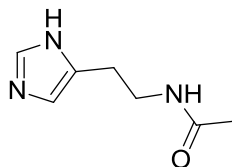


N-Acetylhistamine

Code No.: **BIA-A1737**

Pack sizes: **5 mg, 25 mg**



Synonyms : Acetylhistamine; N-Acetylhistamine; N-Omega-acetylhistamine; NSC 66356; N'-Acetylhistamine

Specifications

CAS # : **673-49-4**
Molecular Formula : **C₇H₁₁N₃O**
Molecular Weight : **153.2**
Source : **Synthetic**
Appearance : **White solid**
Purity : **>95% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO.**

Application Notes

N-Acetylhistamine is an acetyl derivative of a biogenic acid commonly found in many microbial fermentations, most notably dermatophytic fungi belonging to the genus, *Trichophyton*. N-Acetylhistamine is produced by decarboxylation and acetylation of histidine. N-Acetylhistamine exhibits weak activity in a diverse range of bioassays and is thus an important standard for analytical and bioassay dereplication of crude microbial extracts.

References

1. Formation of histamine and N-acetylhistamine by pathogenic fungi. Tanaka T. et al., *Shinkin to Shinkinsho* 1977, 18, 58.
2. Antitumor screening of deep ocean water and sediment derived fungi and primary investigation of their secondary metabolites. Zhao B. et al., *Zhongguo Haiyang Yaowu* 2008, 27, 1.