

Certificate of Analysis

Medetomidine

Cat. No.: HY-17034
CAS No.: 86347-14-0
Batch No.: 78937

Chemical Name: 1H-Imidazole, 5-[1-(2,3-dimethylphenyl)ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{16}N_2$ Molecular Weight: 200.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.99%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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