Certificate of Analysis

Ondansetron (hydrochloride dihydrate)

Cat. No.: HY-B0002A
CAS No.: 103639-04-9
Batch No.: 11723

Chemical Name: 4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-, hydroc

hloride, hydrate (1:1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{24}ClN_3O_3$

Molecular Weight: 365.85

Storage: 4°C, sealed storage, away from moisture and light

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

N O H-CI H₂O H₂O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.03%

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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