Certificate of Analysis

Domperidone (monomaleate)

Cat. No.: HY-B0411A CAS No .: 83898-65-1 Batch No.: 342182

Chemical Name: 2H-Benzimidazol-2-one, 5-chloro-1-[1-[3-(2,3-dihydro-2-oxo-1H-benzimidazol-1-yl)propyl]-4-pip

eridinyl]-1,3-dihydro-, (2Z)-2-butenedioate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{26}H_{28}CIN_5O_6$

Molecular Weight: 541.98

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

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

99.76% Purity (HPLC):

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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