

Certificate of Analysis

Perospirone (hydrochloride)

Cat. No.: HY-B0731 CAS No.: 129273-38-7 Batch No.: 311034

Chemical Name: 1H-Isoindole-1,3(2H)-dione, 2-[4-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]butyl]hexahydro-, hy

drochloride (1:1), (3aR,7aS)-rel-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{23}\mathsf{H}_{31}\mathsf{CIN}_4\mathsf{O}_2\mathsf{S}$

Molecular Weight: 463.04

Storage: -20°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 LCMS: Consistent with structure

Purity (LCMS): 99.94%

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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