Certificate of Analysis

Samidorphan

Cat. No.: HY-123689 CAS No.: 852626-89-2 Batch No.: 429125

Chemical Name: Morphinan-3-carboxamide, 17-(cyclopropylmethyl)-4,14-dihydroxy-6-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{26}N_2O_4$ 370.44 Molecular Weight:

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Off-white to yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.00%

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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