Inhibitors

Certificate of Analysis

Alvimopan (monohydrate)

Cat. No.: HY-76657 **CAS No.:** 1383577-62-5

Batch No.: 09338

Chemical Name: Glycine, N-[(2S)-2-[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-1-oxo-3-ph

enylpropyl]-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{34}N_2O_5$ Molecular Weight: 442.55

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

OH N H₂O N OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.18%

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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