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# Certificate of Analysis

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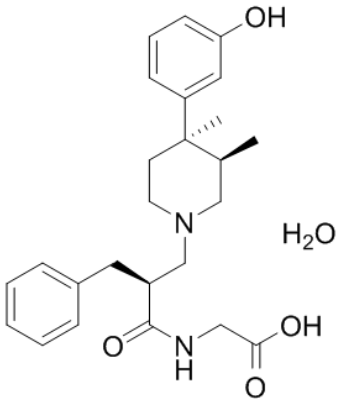
**Product Name** : Alvimopan monohydrate
**Cat. No.** : PC-45976
**CAS No.** : 1383577-62-5
**Batch No.** : PC-4597601
**Chemical Name** : Glycine, N-[(2S)-2-[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-1-oxo-3-phenylpropyl]-, hydrate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 442.5479
**Molecular Formula** : $C_{25}H_{34}N_2O_5$
**Storage** : Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month
**Chemical Structure** :




## ANALYTICAL DATA

**Appearance** : Solid powder
**$^1$H NMR Spectrum** : Consistent with
**HPLC** : Consistent with
**NP** : Consistent with
**Purity (HPLC)** : >98%
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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