

Certificate of Analysis

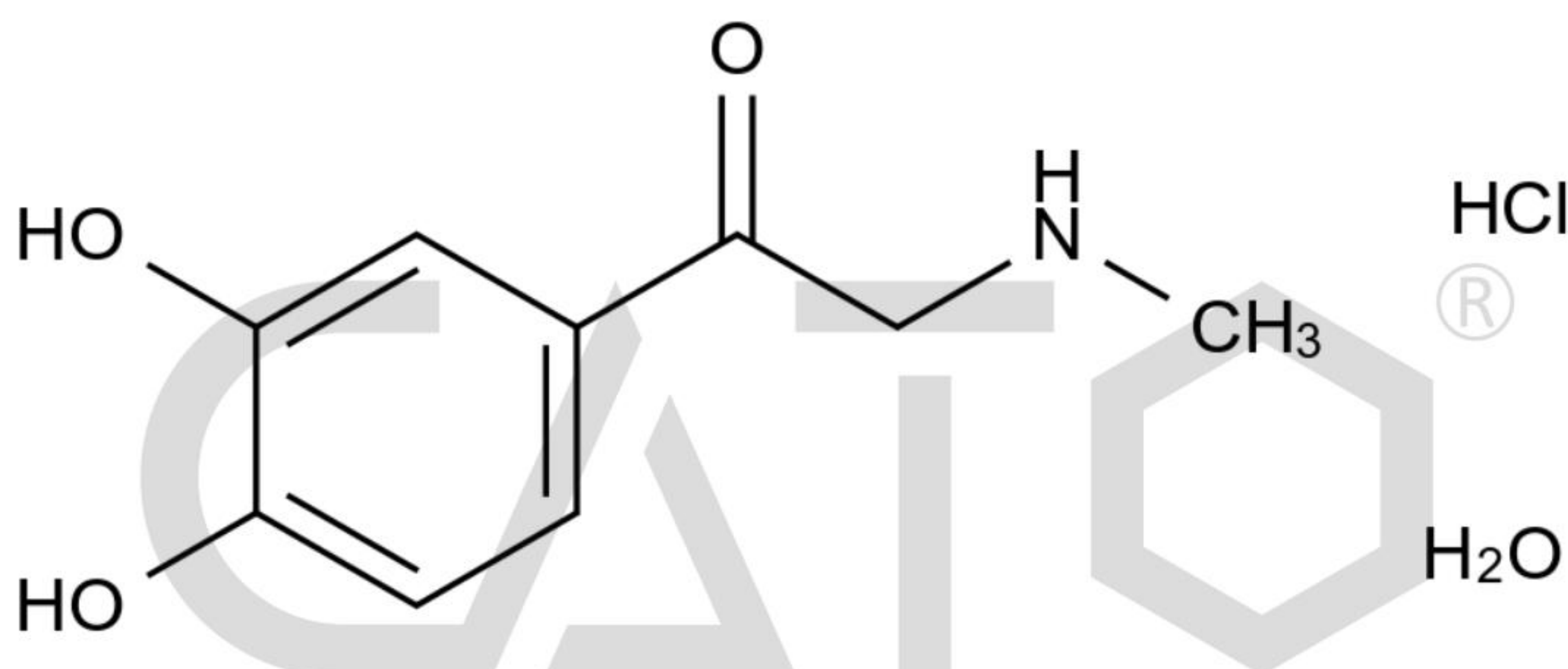
Reference Material & Standard

Product Name:	Adrenalone Hydrochloride Hydrate	Catalogue Number:	C4X-184954
Synonyms:	N/A	Lot Number:	1119-RG-0025
CAS Number:	62-13-5(HCl salt)	Expiry Date:	Nov 18, 2029
Molecular Formula:	C ₉ H ₁₁ NO ₃ HCl H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	181.19 36.46 18.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	7.6755%
Loss On Drying(Free Water)		0.0292%
Assay		99.97%

Comment:

1. The content of crystal water is 7.6463%.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying(Free Water)}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss On Drying(Free Water) is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Dec 22, 2025

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