

Certificate of Analysis

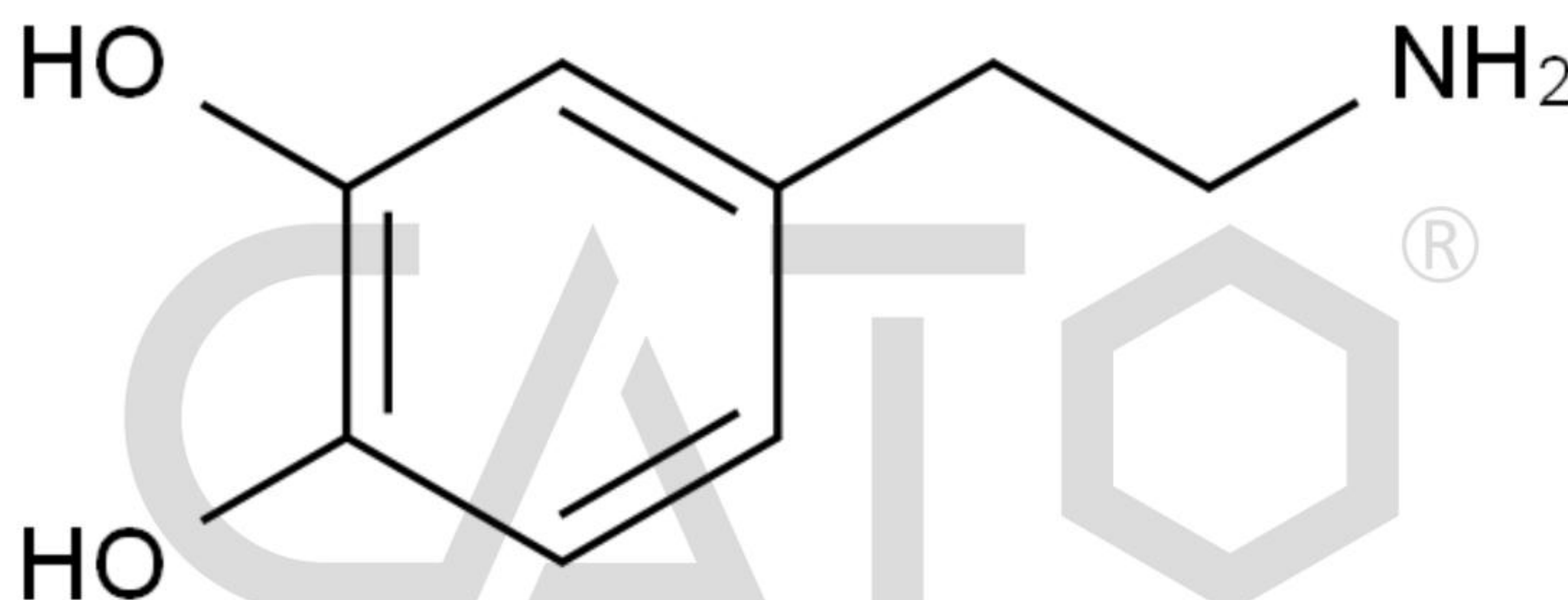
Reference Material & Standard

Product Name:	Dopamine	Catalogue Number:	C4X-1908
Synonyms:	Noradrenaline EP Impurity C;Dobutamine EP Impurity A	Lot Number:	0603-RH-0064
CAS Number:	51-61-6	Expiry Date:	Jun 08, 2030
Molecular Formula:	C ₈ H ₁₁ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	153.18	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.502%
Residue on Ignition	TGA	1.2670%
Loss on Drying	TGA	0.0504%
Assay		98.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 09, 2026

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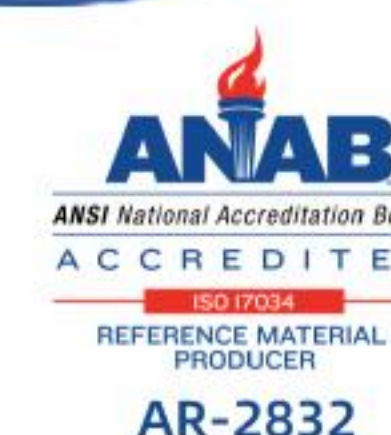
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