

Certificate of Analysis

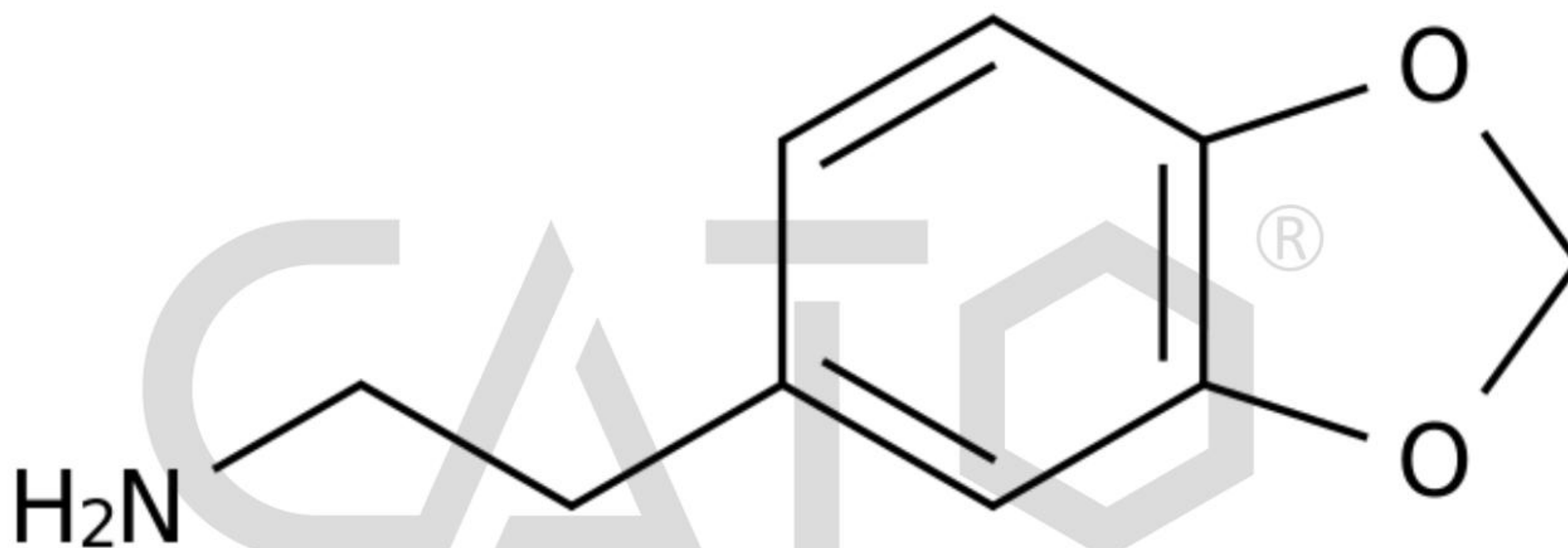
Reference Material & Standard

Product Name:	Dopamine Impurity 28	Catalogue Number:	C4X-190828
Synonyms:	2-[3,4-(Methylenedioxy)phenyl]ethylamine	Lot Number:	0128-RH-0015
CAS Number:	1484-85-1	Expiry Date:	Jan 27, 2030
Molecular Formula:	C ₉ H ₁₁ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	165.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	1.3881%
Assay		98.6%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Date: Jan 28, 2026

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