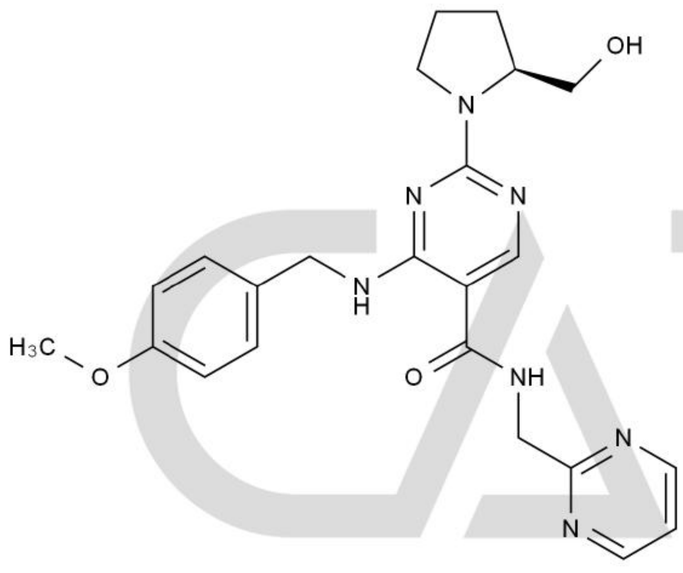
Certificate of Analysis

Reference Material & Standard

Product Name:	Avanafil Impurity 6	**Catalogue Number:**	C4X-11186
Synonyms:	N/A	**Lot Number:**	0911-RH-0063
CAS Number:	330784-50-4	**Expiry Date:**	Sep 13, 2030
Molecular Formula:	$C_{23}H_{27}N_7O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	449.51	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.751%
Loss on Drying	TGA	2.1776%
Assay		95.6%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Sep 14, 2026

Reviewed by: Koi — Date: Sep 15, 2026

Approved by General Manager: David — Date: Sep 15, 2026

CATO Research Chemicals Inc.