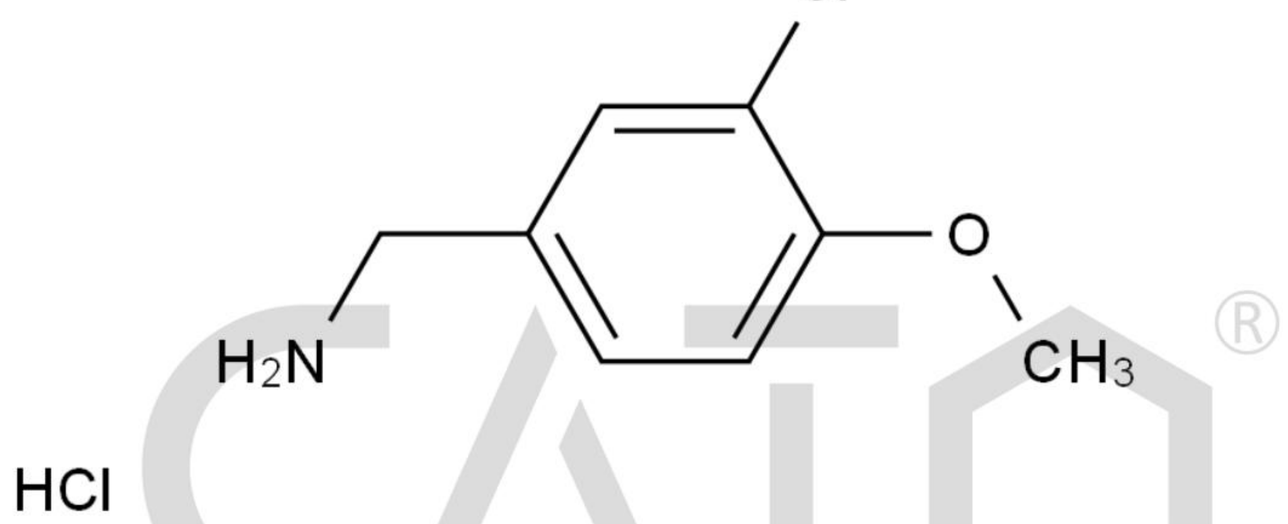
Certificate of Analysis

Reference Material & Standard

Product Name:	Avanafil Impurity 54	**Catalogue Number:**	C4X-111854
Synonyms:	N/A	**Lot Number:**	1203-RF-0065
CAS Number:	41965-95-1	**Expiry Date:**	Dec 09, 2027
Molecular Formula:	C8H10ClNO HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	171.62 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.4%

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by: Alice Date: Dec 10, 2024

Reviewed by: Koi Date: Dec 10, 2024

Approved by General Manager: David Date: Dec 10, 2024

CATO Research Chemicals Inc.