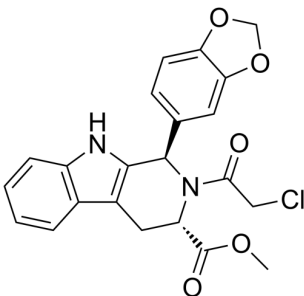


Certificate of Analysis

Compound Information

Product Name:	(1R,3S)-methyl 1-(benzo[d][1,3]dioxol-5-yl)-2-(2-chloroacetyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate (Tadalafil Impurity)
Cat. No.:	1236887
CAS No.:	629652-44-4
Molecular Formula:	C ₂₂ H ₁₉ ClN ₂ O ₅
Molecular Weight:	426.85
Chemical Structure:	

Batch Information

Batch No.:	Lf1010173618
Storage:	Storage temp. 2-8°C
Mfg. Date:	2022-10-10
Retest Date:	2025-10-09
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.63%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai