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## CERTIFICATE OF ANALYSIS

Analysis Date:

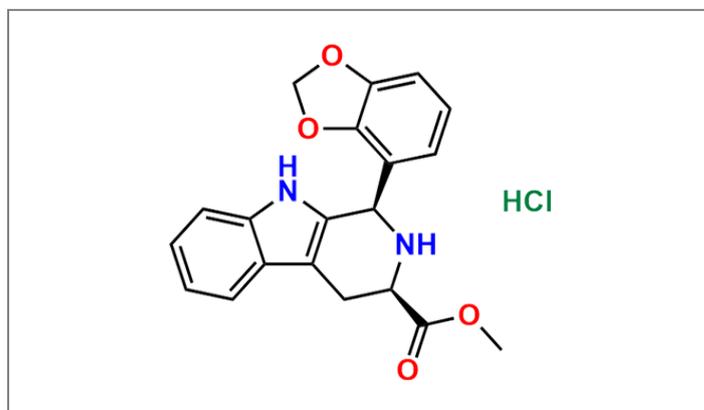
Re-test Date:

**Product Name: Tadalafil Impurity 1**

### Identification:

Chemical Name: Methyl (1R,3R)-1-(benzo[d][1,3]dioxol-5-yl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate hydrochloride

Synonyms: : NA  
CAS Number: : 171752-68-4  
CAT Number: : CP-T31024  
Molecular Formula: : C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub> : HCl  
Molecular Weight: : 350.4 : 36.46



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)