

Tadalafil

Pharmaceutical Ingredients · Issued 2026-10-10

1. IDENTIFICATION

Product name	Tadalafil
Synonyms	IC-351
CAS number	171596-29-5
Molecular formula	C22H19N3O4
Molecular weight	389.40
Product type	Small molecule (PDE5 inhibitor)
Catalog code	RCB-0014

2. DESCRIPTION

beta-carboline-derived phosphodiesterase type 5 inhibitor.

3. TYPICAL PROPERTIES

Appearance	Stated on the Certificate of Analysis.
Purity (stated minimum)	>=99.0% (HPLC)

4. TEST METHODS

Appearance (Visual)	Conforms
Identity (1H-NMR)	Conforms: Consistent with structure
Identity (molecular mass) (LC-MS)	Conforms
Purity (HPLC (area %))	>= 99.0 %
Water content (Karl Fischer)	Report result

5. STORAGE, PACKAGING AND PRICE

Price	Quoted on request — from 1 kg; volume pricing on your quotation
Storage	Stated on the Safety Data Sheet and Certificate of Analysis supplied with each batch.
Packaging	Sealed, labelled containers suited to the order quantity; confirmed on your quotation.

6. REGULATORY INFORMATION

Classification	Supplied with buyer declaration
Status	Compliance Review Required

7. DOCUMENTATION

Released with your enquiry	Product specification, Certificate of Analysis (COA), Safety Data Sheet (SDS), Method of analysis (MOA), GMP certificate / manufacturing licence, Residual solvents statement (ICH Q3C), Elemental impurities statement (ICH Q3D), Nitrosamine risk assessment, DMF / CEP / ASMF letter of access, TSE/BSE statement, Stability and storage statement, Quality agreement, End-use / end-user declaration — request them online
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Shipped with each order

Batch Certificate of Analysis, packing list, commercial invoice