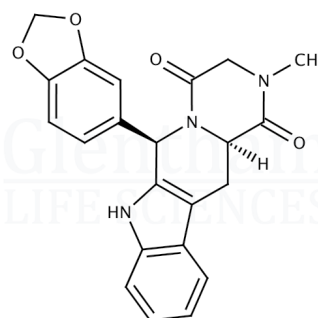


## Product Specification

Product Name	Tadalafil
Glentham Code	GP0380
CAS Number	171596-29-5
PubChem SID	310280461
Molecular Weight	389.40
Molecular Formula	C <sub>22</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>
Storage Temp.	-20°C



Property	Specification
Physical Description	White to light-yellow powder
Identification (IR)	To conform to standard
Solubility (2% in DMSO)	Clear, colourless solution
Specific Optical Rotation ([ $\alpha$ ] <sub>20/D</sub> )	+68.0 - +78.0 ° (c=1, chloroform)
Melting Point	297.0 - 303.0 °C
Residue on Ignition	≤ 0.1%
Water	≤ 3.0%
Assay	≥ 98%

Specification Version	-	v1.1
Date Created	-	2023-04-27

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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