

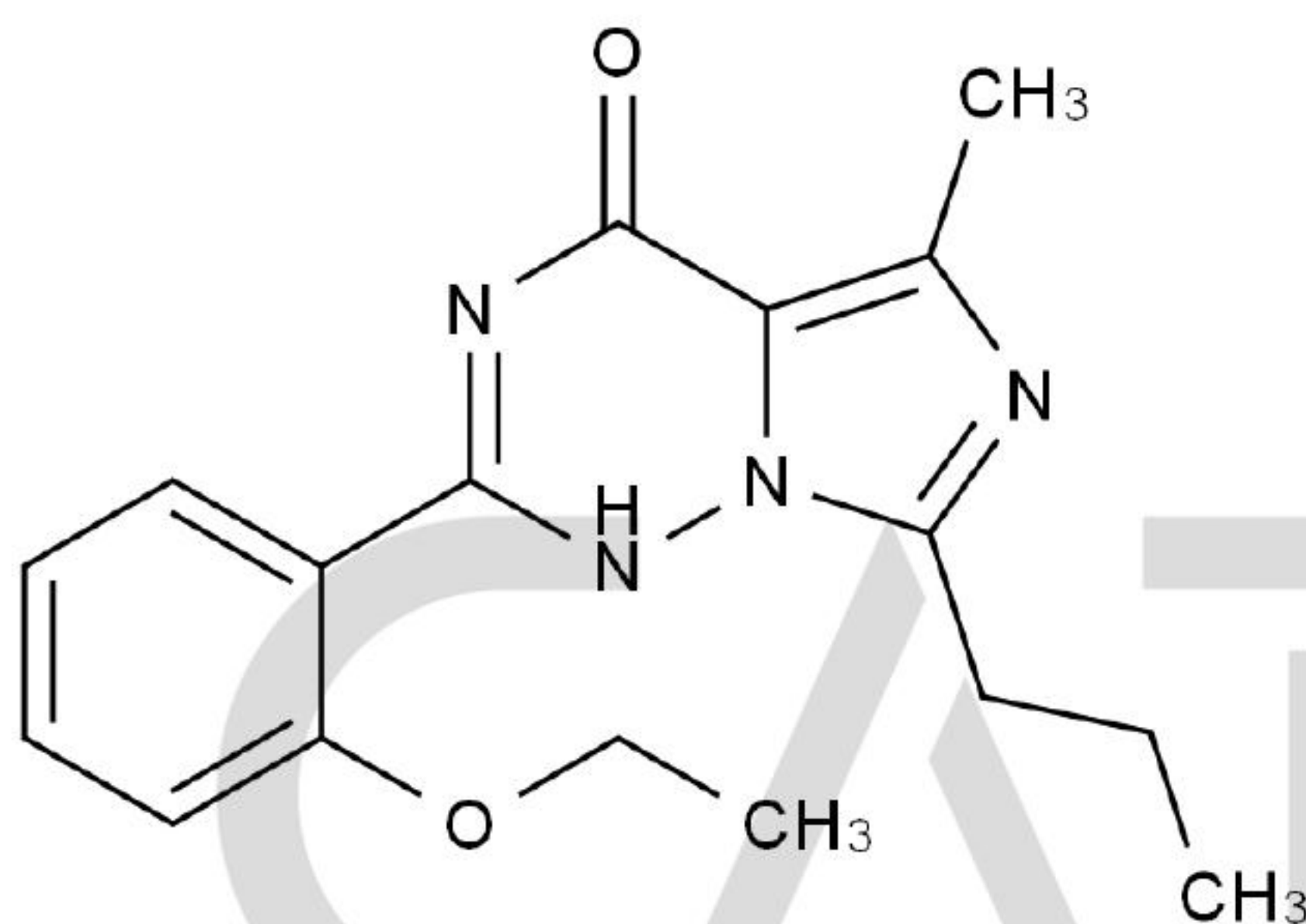
Certificate of Analysis

Reference Material & Standard

Product Name:	Desulfovardenafil	Catalogue Number:	C4X-101710
Synonyms:	N/A	Lot Number:	0201-RE-0020
CAS Number:	224789-21-3	Expiry Date:	Jun 02, 2028
Molecular Formula:	C17H20N4O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	312.37	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.258%
Loss On Drying	TGA	0.0075%
Assay		99.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 03, 2025

Date: Jun 03, 2025

Date: Jun 03, 2025

