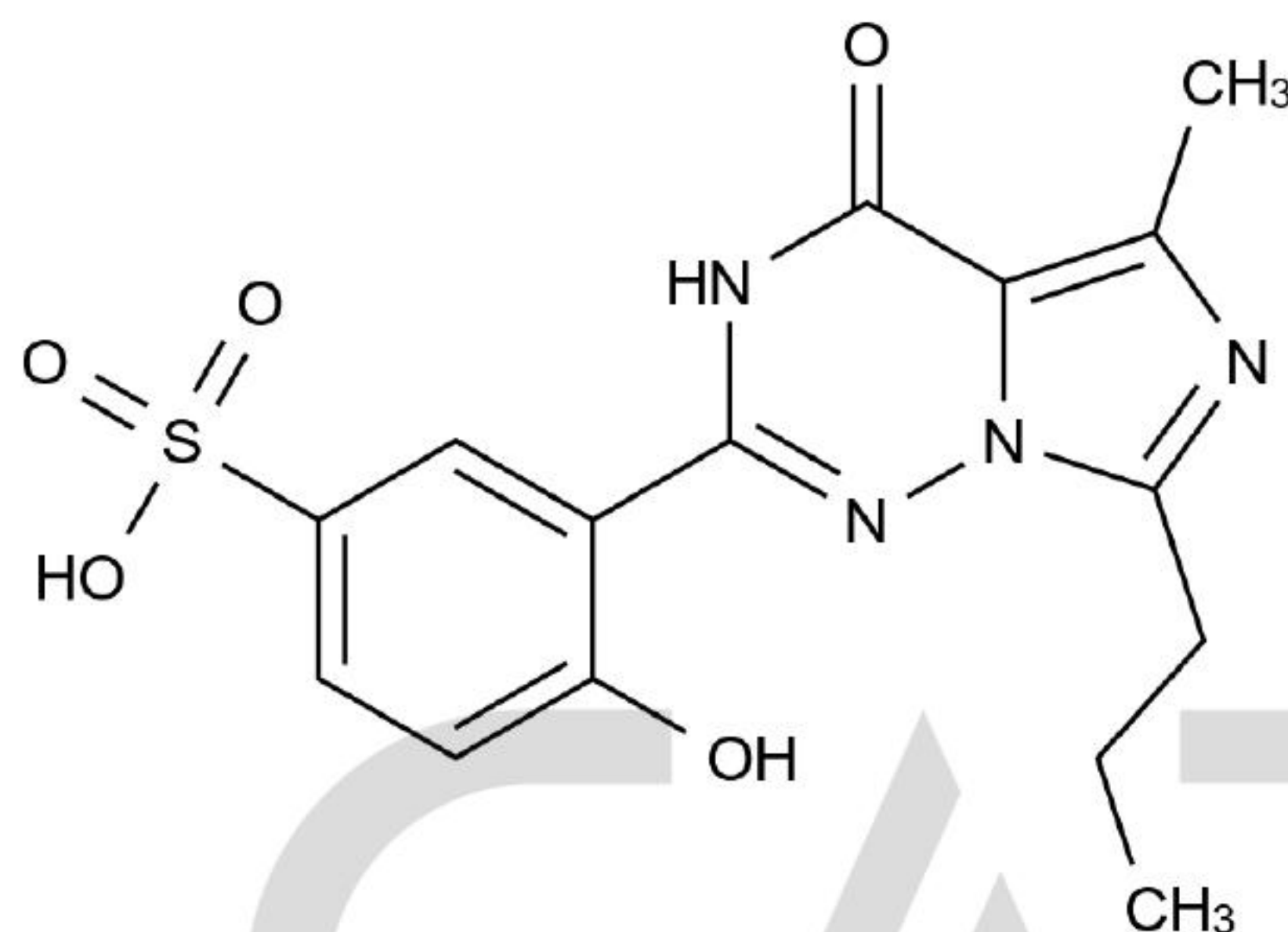


Certificate of Analysis

Reference Material

Product Name:	Vardenafil Impurity 24	Catalogue Number:	C4X-101724
Chemical Name:	N/A	Lot Number:	0918-RE-0146
CAS Number:	910554-77-7	Expiry Date:	Sep 24, 2026
Molecular Formula:	C ₁₅ H ₁₆ N ₄ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	364.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.125%
Loss On Drying	TGA	3.5505%
Assay		94.6%

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:

Nice

Reviewed by:

Koi

Aporoved by General manager:

David

Date: Sep 25, 2023

Date: Sep 25, 2023

Date: Sep 25, 2023

