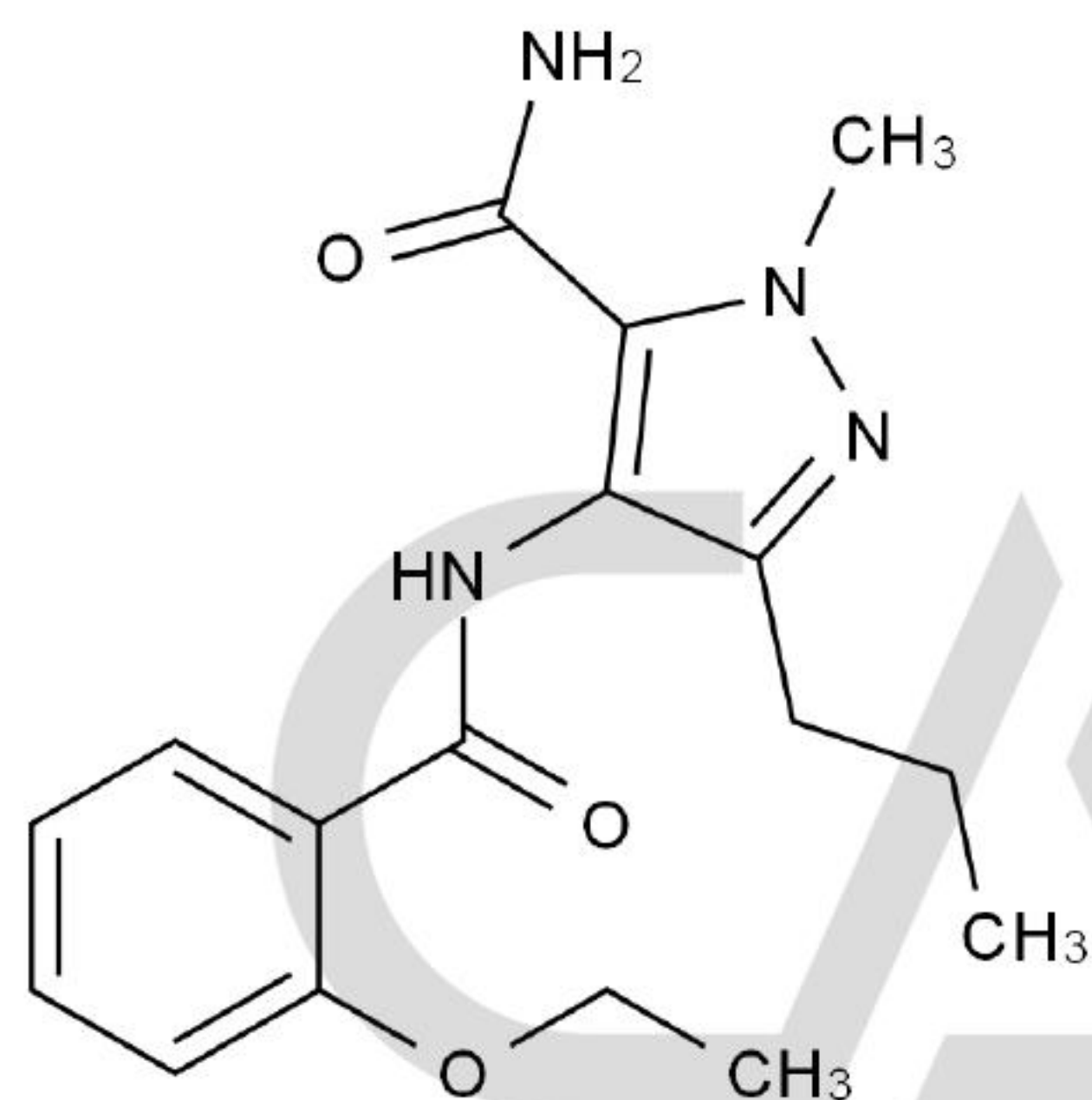


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                     |                                                                                      |
|--------------------|---------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------|
| Product Name:      | Sildenafil Impurity 11                                        | Catalogue Number:   | C4X-112811                                                                           |
| Synonyms:          | N/A                                                           | Lot Number:         | 0129-RH-0020                                                                         |
| CAS Number:        | 139756-03-9                                                   | Expiry Date:        | Aug 02, 2030                                                                         |
| Molecular Formula: | C <sub>17</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed                                            |
| Molecular Weight:  | 330.38                                                        | Shipping Condition: | Shipping at Room Temperature                                                         |
| Solubility:        | Acetonitrile                                                  | Warning:            |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.616%     |
| Loss on Drying | TGA               | 0.2173%     |
| Assay          |                   | 99.4%       |

## Comment:

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

Assay (%) = (100% - Loss on Drying) \* Purity HPLC (%) / 100%

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

## Signature:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Aug 03, 2026

Date: Aug 03, 2026

Date: Aug 03, 2026



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