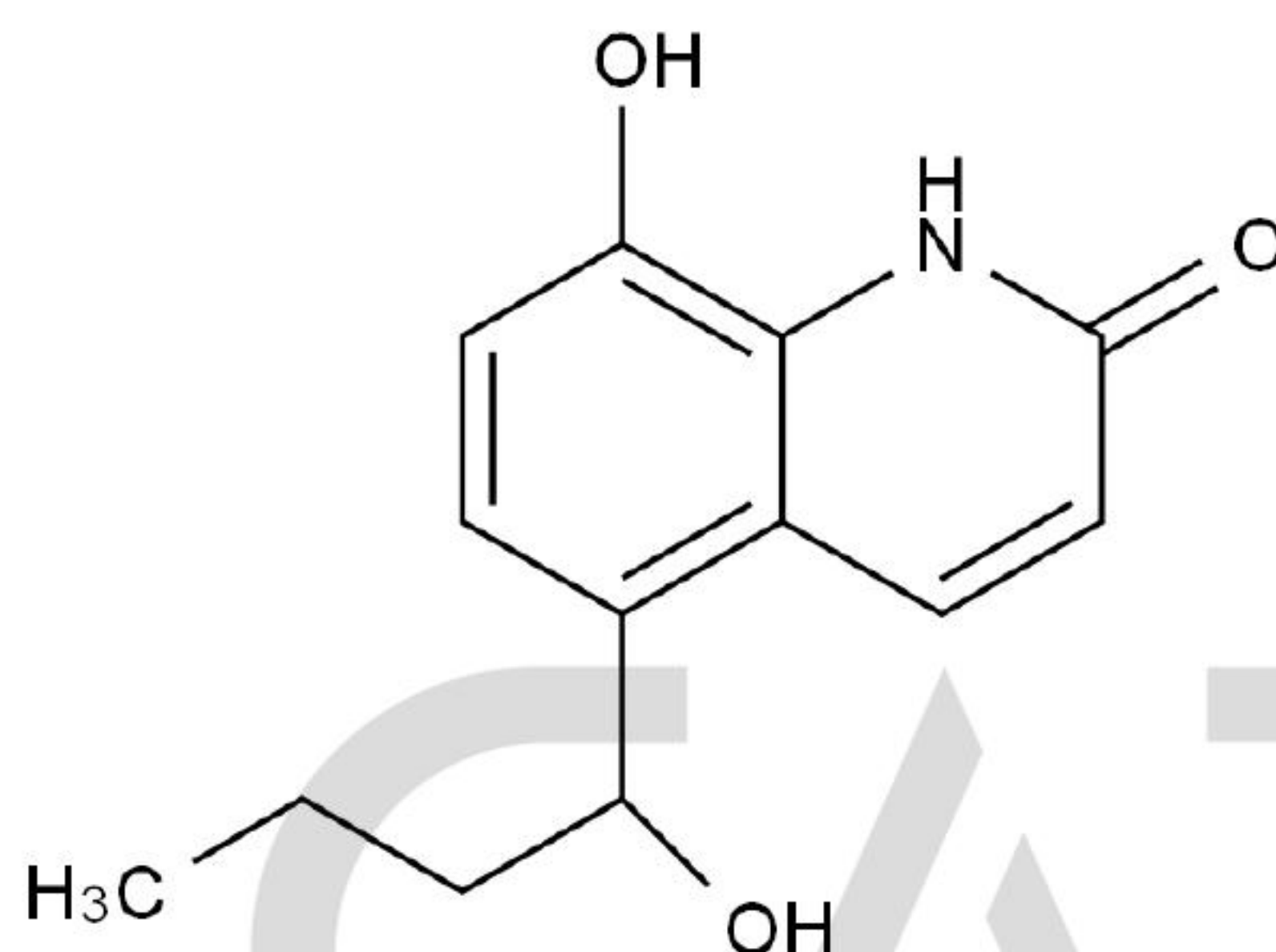


# Certificate of Analysis

## Reference Material

|                    |                                                 |                   |                                           |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Procaterol Impurity 9                           | Catalogue Number: | C4X-18109                                 |
| Chemical Name:     | N/A                                             | Lot Number:       | 0106-RE-0032                              |
| CAS Number:        | N/A                                             | Expiry Date:      | Jul 11, 2023                              |
| Molecular Formula: | C <sub>13</sub> H <sub>15</sub> NO <sub>3</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 233.26                                          |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | White Powder |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 98.184%      |
| Loss On Drying | TGA               | 1.0714%      |
| Assay          |                   | 97.1%        |

## Comment:

The calculation of the 100% 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:

*Nacy*

Reviewed by:

*Debia*

Aporoved by General manager:

*David*

Date: Jan 12, 2023

Date: Jan 12, 2023

Date: Jan 12, 2023

