

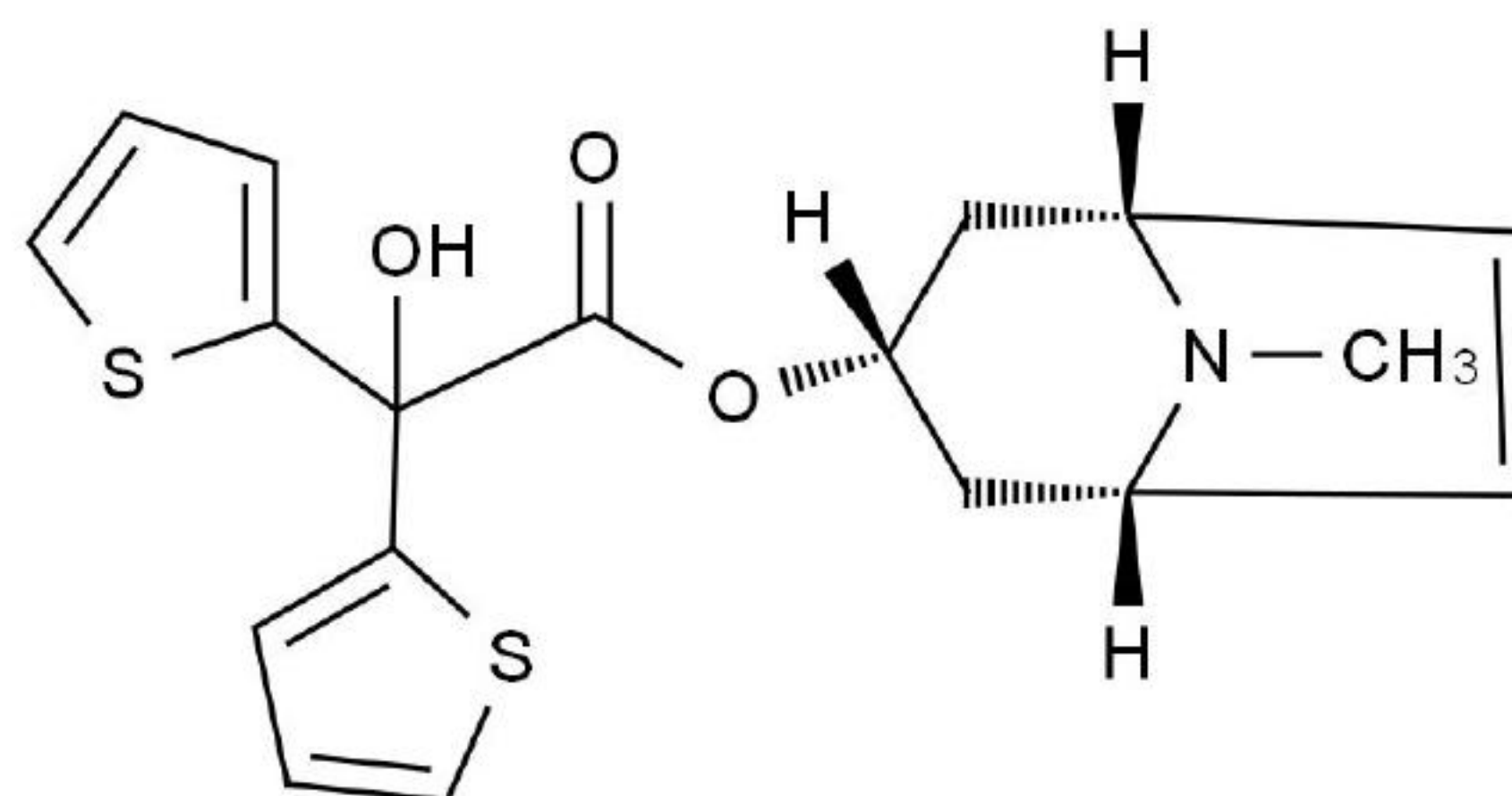
Certificate of Analysis

Reference Material

Product Name: Tiotropium EP Impurity D

Chemical Name:

Chemical Structure:



CAS Number: 136310-66-2

Catalogue Number: C4X-17644

Molecular Formula: C₁₈H₁₉NO₃S₂

Lot Number: C4X-17644-1711

Molecular Weight: 361.48

Storage: -20±2°C, dark and sealed

Appearance: Light Beige to Beige Solid

Test Description

Specifications

Results

Identification:

MS&HNMR

Conforms

Purity:

HPLC

93.0%

Warning:

Analysed Date: Dec/24/2019

ExpiryDate: Dec/23/2022

Approved by: