

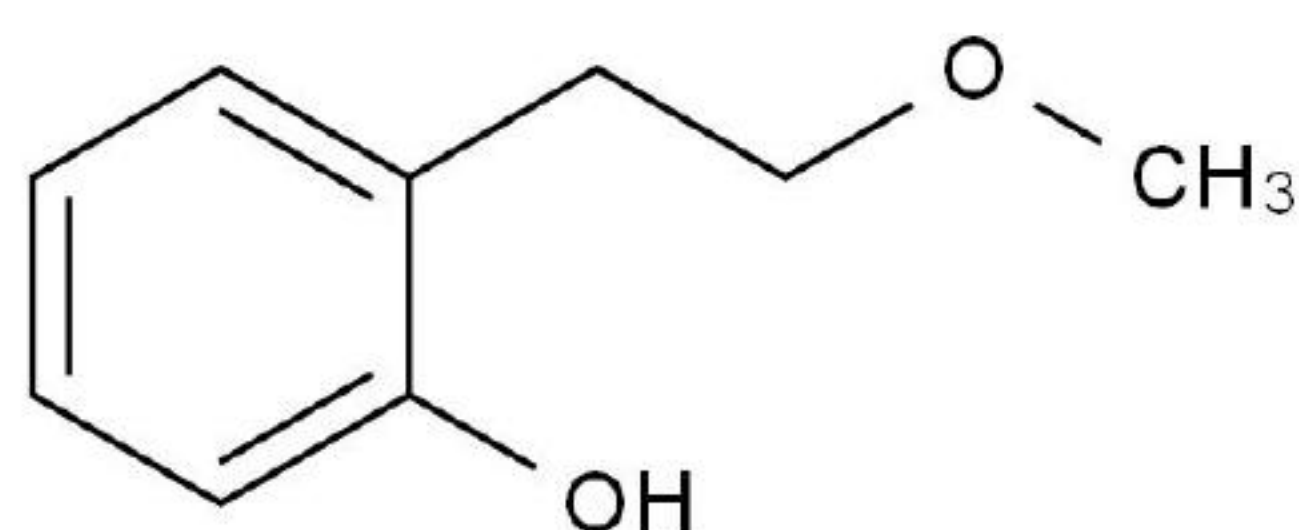
Certificate of Analysis

Reference Material

Product Name: Metoprolol Impurity 23

Chemical Name:

Chemical Structure:



CAS Number: 330976-39-1

Catalogue Number: C4X-136723

Molecular Formula: C₉H₁₂O₂

Lot Number: C4X-136723-1711

Molecular Weight: 152.19

Storage: 2-8°C dark and sealed

Appearance: Clear Colourless to Light Yellow Oil

CATO Research Chemicals Inc.

Test Description	Specifications	Results
Identification:	MS&HNMR	Conforms
Purity:	NMR	98.0%

Warning:

Analysed Date: Nov/22/2017

ExpiryDate: Nov/21/2021

Approved by: