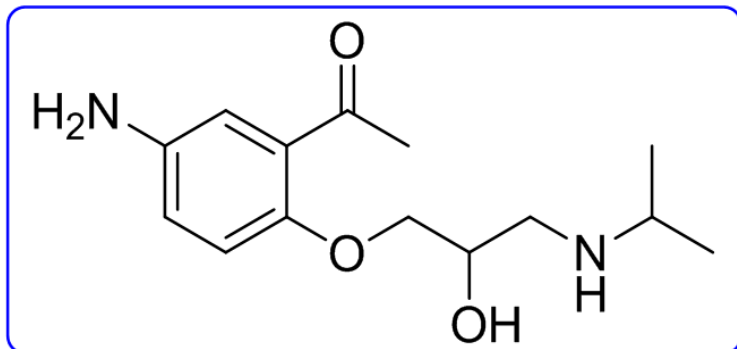


CERTIFICATE OF ANALYSIS

Certified Reference Standard

Acebutolol EP Impurity D

1-[5-Amino-2-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]ethanone



Product Number:

CAS Number: 57898-80-3

Lot Number:

Molecular Formula: C₁₄H₂₂N₂O₃

Molecular Weight: 266.34 g/mol

Long-term Storage: 2-8 °C

Appearance: Off White Solid

Melting Point: N.A.

Assay Purity: NLT 97%

Sr.#	Test	Results	Data ref.
1	¹ H NMR	Conform	Report attached
2	Mass	Conform	Report attached
3	IR	Conform	Report attached

Manufacturing Date: August-2017

Expiration Date: August-2019

This certificate is valid for two years from the date of manufacturing provided the substance is stored under the recommended conditions.