



CERTIFICATE OF ANALYSIS

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1. Identification

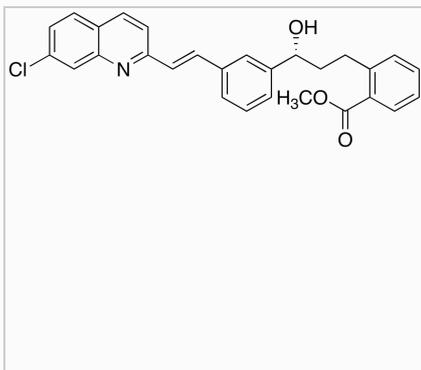
Catalogue Number: C379991

CAS Number: 150026-72-5

Product: 2-[3-(R)-[3-(2-(7-Chloro-2-quinolinyl)ethenyl)phenyl]-3-hydroxypropyl]benzoic Acid Methyl Ester

Synonym: 2-[(3R)-3-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-hydroxypropyl]benzoic Acid Methyl Ester; [R-(E)]-2-[3-[3-[2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-hydroxypropyl]benzoic Acid Methyl Ester;

Structure:



Molecular Formula:

C₂₈H₂₄ClNO₃

Molecular weight:

457.95

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-SIE-73-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Pale Green Solid	Pale Yellow to Pale Green Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.41, %H: 5.55, %N: 2.90
HPLC Purity	Report Result	99.82% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+24.3° (c = 0.2, Chloroform)
Chirality	Report Result	ee = 98.81% by Chiral HPLC (230 nm)
Water Content	Report Result	~5.5% based on Elemental Analysis

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Nicole Yip



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

8/15/2022

Retest Date

8/13/2026