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CERTIFICATE OF ANALYSIS

2 Brisbane Road, North York, ON. M3J 2J8 Canada Tel: (416) 665-9696 Fax: (416) 665-4439
E-mail: orders@trc-canada.com Website: www.trc-canada.com

1. Identification

CAS Number:

Catalogue Number:

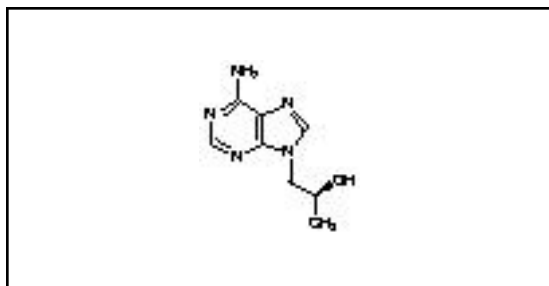
H952560

Product:

(R)-9-[2-(Hydroxypropyl) Adenine
(Desphosphoryl Tenofovir)

Synonyms:

Structure:



Molecular Formula:

C₈H₁₁N₅O

Molecular Weight:

193.21

Source of Product:

Synthetic

2. Analytical Information

Lot Number:

8-MJC-40-1

Melting Point:

185-188°C

Boiling Point:

N/A

Atmosphere:

Air

Appearance of Product:

Off-White Solid

Solubility

DMSO, Methanol

Method for Determining Identity:

¹H NMR Spectroscopic Analysis

Stability

Not determined

Purity:

97%

Long Term Storage Condition:

-20°C Freezer

Additional Information:

TLC Conditions: SiO₂; Dichloromethane: Methanol : NH₄OH; 8: 2: 0.1; Visualized with UV; R_f=0.55.

¹H NMR conforms to structure.

Philip Chan, Quality Control Supervisor

QC Test Date

April 19, 2010

Retest Date

April 19, 2013