



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

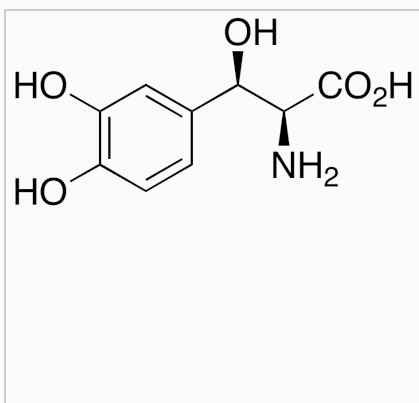
Catalogue Number: D689960

CAS Number: 23651-95-8

Product: L-threo-Droxidopa

Synonym: (βR)-β,3-Dihydroxy-L-tyrosine; threo-β,3-Dihydroxy-L-tyrosine; L-threo-3-(3,4-Dihydroxyphenyl)serine; (-)-threo-3,4-Dihydroxyphenylserine; (2S,3R)-3-(3,4-Dihydroxyphenyl)-2-amino-3-hydroxypropanoic Acid; DOPS; L-DOPS; L-Threodops; L-threo-3,4-Dihydroxyphenylserine; L-threo-DOPS; L-threo-β-(3,4-Dihydroxyphenyl)serine; SM 5688; threo-Dopaserine;

Structure:



Molecular Formula:

C₉H₁₁NO₅

Molecular weight:

213.19

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Water (Slightly, Heated,
Sonicated)

Lot Number: 28-SSR-180-1

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Beige Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.99, %H: 5.11, %N: 6.73
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-35.6° (c = 1.0, 0.1M HCl)

Additional Information: NA

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Philip Chan	Clarissa Santos	1/30/2019	1/28/2026
