

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	05010
<b>Lot Number</b>	20070109
<b>Product</b>	<b>(3R)-1,2,3,4-Tetrahydroisoquinoline-7-hydroxy-3-carboxylic acid</b> D-Tic(OH)-OH  7-hydroxy-D-Tic-OH
<b>CAS Number</b>	152286-30-1
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	193.2

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +160.1 (C=1 in AcOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.66%
<b>Storage</b>	Store at 0-8°C
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**