

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	32434
<b>Product</b>	<b>(4R.5R)-2.2-Dimethyl-<math>\alpha</math>.<math>\alpha</math>.<math>\alpha'</math>.<math>\alpha'</math>-</b>
<b>Lot Number</b>	002781-20210812
	(-)-4,5-Bis[hydroxy(diphenyl)methyl]-2,2-dimethyl-1,3-dioxolane
	(-)-Taddol
<b>CAS Number</b>	93379-48-7
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>30</sub> O <sub>4</sub>
<b>Molecular Weight</b>	466.57

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<b>Appearance</b>	Off-white solid
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -63 ° (C=1 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.8% (ee)
<b>Other Enantiomer</b>	0.2%
<b>Purity by HPLC</b>	99.53%
<b>Storage</b>	Store at RT
<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