

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-29 11:51:35  
Date of Next Testing: 2025-10-28 11:51:35  
Product Name: **(cis-2-((1H-Imidazol-1-yl)methyl)-2-(2,4-dichlorophenyl)-1,3-dioxolan-4-yl)methyl 4-methylbenzenesulfonate**  
CAS Number: 134071-44-6  
Specifications & Purity: 95%  
Lot #: J2226428  
SKU #: **C190610**  
Analysis: **129084**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.57900 %
Specific Rotation [ $\alpha$ ] <sub>20/D(c=0.5,Methanol)</sub>	-1~1 (°)	-0.91900 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager