



Certificate of analysis

Product name: (±)-Corey lactone diol

Cas number: 54423-47-1

Molecular Formula: $C_8H_{12}O_4$

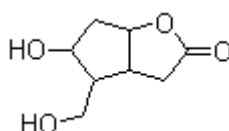
Molecular Weight: 172.18

Date of production: July.06,2018

Batch NO: 20180706

Exp Date: July.05,2020

Chemical structure:



Items	Specifications	Results
Appearance	off-white crystalline Powder	off-white crystalline Powder
Melting Point	85 °C to 90 °C	85.3 °C – 88.9 °C
MS Result	Conforms to molecular weight	Conforms
[α] ₂₀ C=1.4, in Methanol	-10 ° to -0 ° (589nm)	-1 ° (589nm. C=1.4, in Methanol
Water	≤ 0.5%	0.39%
GC	≥ 99%	≥ 99.80

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang