



Certificate of analysis

Product name: (-)-Corey lactone benzoate

Cas number: 39746-00-4

Molecular Formula: $C_{15}H_{16}O_5$

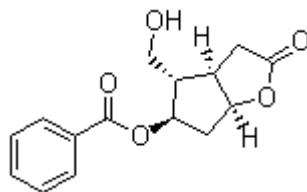
Molecular Weight: 276.28

Date of production: May.25,2018

Batch NO: 20180525

Exp Date: May.24,2020

Chemical structure:



Items	Specifications	Results
Appearance	White to yellowish white to yellowish grey powder or chunks	Conforms
Water	$\leq 0.5\%$	0.15%
Identification	HNMR HPLC IR	Conforms
Optical rotation	$-79^{\circ} \sim -87^{\circ}$	-82.7°
Total impurities	$\leq 2.0\%$	0.69%
Purity	$\geq 98\%$	99.31%

Conclusion: It complies with the Enterprise Standard.

Analyst:Zhao

Checker:Liu

Q.C Director. Fang