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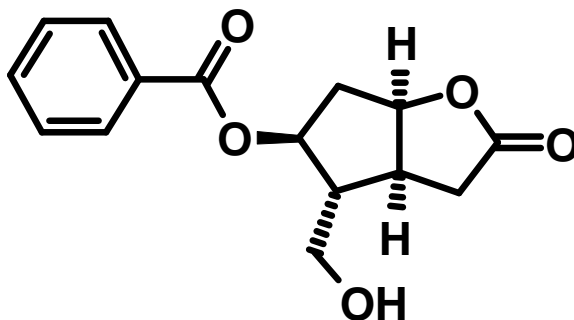
## Product Specifications

### **(-)-Corey Lactone Benzoate**

**CAS** 39746-00-4

**Syn:** 3 $\alpha$ R,4S,5R,6 $\alpha$ S)-(-)-5-(Benzoyloxy)-hexahydro-4(-hydroxymethyl)-2H-cyclopenta[b]furan-2-one

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>15</sub>H<sub>16</sub>O<sub>5</sub>**  
*Synthetic*

**Mol. Wt.**

276.28

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*Test*

*Specification*

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<b>Identity</b>	IR, NMR
<b>Appearance</b>	White microcryst. powder
<b>Mp</b>	116-120 °C (lit.)
<b>Assay (hplc)</b>	> 98%
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub></b>	- 80° (c = 0.8, CHCl <sub>3</sub> )
<b>Moisture</b>	< 0.5%
<b>Ash (residue on ignition)</b>	< 0.2%
<b>Heavy metals</b>	< 10 ppm

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**Storage:** Maintain at or below -20 °C.