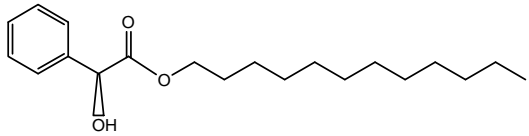




Product Specification Sheet

Product Name	Lauryl mandelate						
Product Code	CLI-0410						
Structure	 <p>The chemical structure shows a benzene ring attached to a chiral carbon atom. This carbon atom is also bonded to a hydroxyl group (-OH) and a carbonyl group (-C(=O)-). The carbonyl group is further bonded to an oxygen atom, which is part of a long, straight-chain alkyl ester group (dodecyl group).</p>						
R&D grade	Available in 1g, 100g, 500g & 1 Kg shipments						
cGMP grade	Production schedule and cost available on request						
Material/Product	Lauryl mandelate; Dodecyl mandelate						
Formula	C ₂₀ H ₃₂ O ₃						
FW	320.47						
Appearance	Clear viscous liquid to off white solid						
Density (d)	NA						
Refractive Index (n_D)	NA						
FTIR (neat)	Consistent with structure						
¹H NMR (400 MHz; CDCl₃)	NA						
Purity determined by GC-FID	>90%						
Primary process impurity	Unknown						
Residual solvent	Petroleum Ether						
Elemental Analysis	<table><thead><tr><th></th><th><u>Theoretical</u></th></tr></thead><tbody><tr><td>C</td><td>74.96</td></tr><tr><td>H</td><td>10.06</td></tr></tbody></table>		<u>Theoretical</u>	C	74.96	H	10.06
	<u>Theoretical</u>						
C	74.96						
H	10.06						
Process	Proprietary						
Comments	Store at RT						