

## Analytical Data

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**Code:** 3218-v

**Compound:** (Z-Leu-Leu-NHCH<sub>2</sub>)<sub>2</sub>CO

(M. W. 809.00) C<sub>43</sub>H<sub>64</sub>N<sub>6</sub>O<sub>9</sub>

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**Appearance** : White amorphous powder

**\* Specific Optical Rotation**

$[\alpha]_D^{20}$  -46.2 ° (c 1.35, AcOH)

**\* Elemental Analysis**

Calcd. for C<sub>43</sub>H<sub>64</sub>N<sub>6</sub>O<sub>9</sub>

C, 63.84 ; H, 7.97 ; N, 10.39 %

Found C, 63.82 ; H, 8.02 ; N, 10.37 %

**Thin Layer Chromatography** : Single spot

Layer : Silica Gel 60 (Merck)

Application : 100 μg

Solvent System : CHCl<sub>3</sub>:MeOH:AcOH=95:5:3

CHCl<sub>3</sub>:MeOH:AcOH:H<sub>2</sub>O=10:10:1:10 (lower phase)

Located by Iodine and HBr/ninhydrin reagent

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Sample : (Z-Leu-Leu-NHCH<sub>2</sub>)<sub>2</sub>CO  
Sample Size : 1.0  $\mu$ L (2.61 mg/261  $\mu$ L-AcOH)  
Column : XBridge C18 3.5 $\mu$ m (4.6 mm I.D.  $\times$  150 mm) #01663415523834  
Eluent : 0.1% TFA  
Gradient : Acetonitrile 40% to 90% [25 min.]  
Flow Rate : 1.0 mL/min. ; Press. : 16.0 MPa , ; Temp. : 40°C  
Detection : CH.1 220 nm

