

Analytical Data

Code: 4041

Compound: Leupeptin
Acetyl-L-leucyl-L-leucyl-L-argininal (Sulfate Form)
(M. W. 426.55)

Appearance : White amorphous powder

Specific Optical Rotation

$$[\alpha]_D^{20} -79.3^\circ \quad (c \ 2, \ H_2O)$$

Loss on drying : 0.8 %

IR IR spectrum conforms to reference spectrum

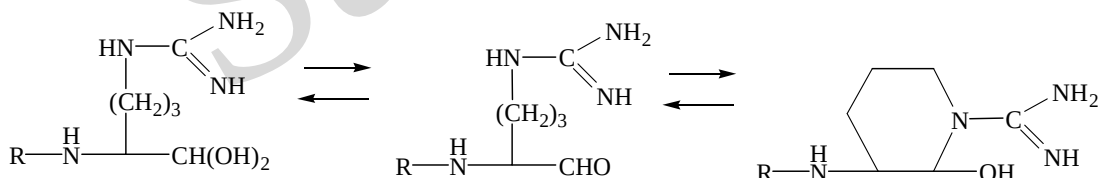
Reference

J. Antibiot., 22, 558(1969)

J. Antibiot., 24, 402(1971)

The purity of this compound can not be determined by HPLC and TLC, because this material has three tautomeric isomers* which are separated by chromatographies.

*



R=Ac-Leu-Leu-