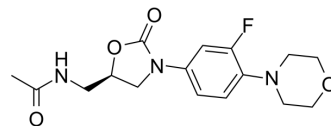


(R)-Linezolid

Cat. No.:	HY-135397
CAS No.:	872992-20-6
Molecular Formula:	C ₁₆ H ₂₀ FN ₃ O ₄
Molecular Weight:	337.35
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(R)-Linezolid is an impurity of Linezolid (PNU-100766). Linezolid, the first member of the class of oxazolidinone synthetic antibiotic, acts by inhibiting the initiation of bacterial protein synthesis^{[1][2]}.

REFERENCES

[1]. Bednarek E, et al. NMR and molecular modeling study, as complementary techniques to capillary electrophoresis method to elucidate the separation mechanism of linezolid enantiomers. *J Chromatogr A*. 2008 Jun 6;1193(1-2):164-71.

[2]. Clemett D, et al. Linezolid. *Drugs*. 2000 Apr;59(4):815-27; discussion 828.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA