



## Product Information

**Product ID** T165133

**CAS No.** 856867-55-5

**Chemical Name** (R)-(3-(3-fluoro-4-(6-(2-methyl-2H-tetrazol-5-yl)pyridin-3-yl)phenyl)-2-oxooxazolidin-5-yl)methyl dihydrogen phosphate

**Synonym** DA 7218, Sivextro, TR 701

**Formula** C<sub>17</sub>H<sub>16</sub>FN<sub>6</sub>O<sub>6</sub>P

**Formula Wt.** 450.32

**Melting Point**

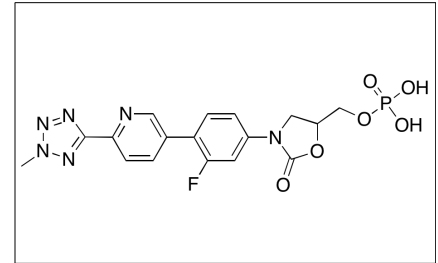
**Purity** ≥98%

**Solubility** Soluble in DMSO

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Tedizolid is a second-generation oxazolidinone found to be effective against gram-positive pathogens. In murine models of penicillin-resistant *Streptococcus pneumoniae* infection, tedizolid was as effective as or more effective than linezolid and showed less inflammatory cell invasion into alveolar spaces. In another study on a murine model of hematogenous pulmonary infection, tedizolid and linezolid both showed antimicrobial and immunomodulatory results superior to treatment with vancomycin.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
T165133	5 mg	\$93.80
T165133	25 mg	\$292.20
T165133	100 mg	\$826.90

- References** Choi S, Im W, Bartizal K. Activity of tedizolid phosphate (TR-701) in murine models of infection with penicillin-resistant and penicillin-sensitive *Streptococcus pneumoniae*. *Antimicrob Agents Chemother.* 2012 Sep;56(9):4713-4717. PMID: 22713339.
- Kaku N, Morinaga Y, Takeda K, et al. Antimicrobial and immunomodulatory effects of tedizolid against methicillin-resistant *Staphylococcus aureus* in a murine model of hematogenous pulmonary infection. *Int J Med Microbiol.* 2016 Sep;306(6):421-428. PMID: 27259840.
- Park KH, Greenwood-Quaintance KE, Mandrekar J, et al. Activity of tedizolid in methicillin-resistant *Staphylococcus aureus* experimental foreign body-associated osteomyelitis. *Antimicrob Agents Chemother.* 2016 Oct 21;60(11):6568-6572. PMID: 27550347.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.