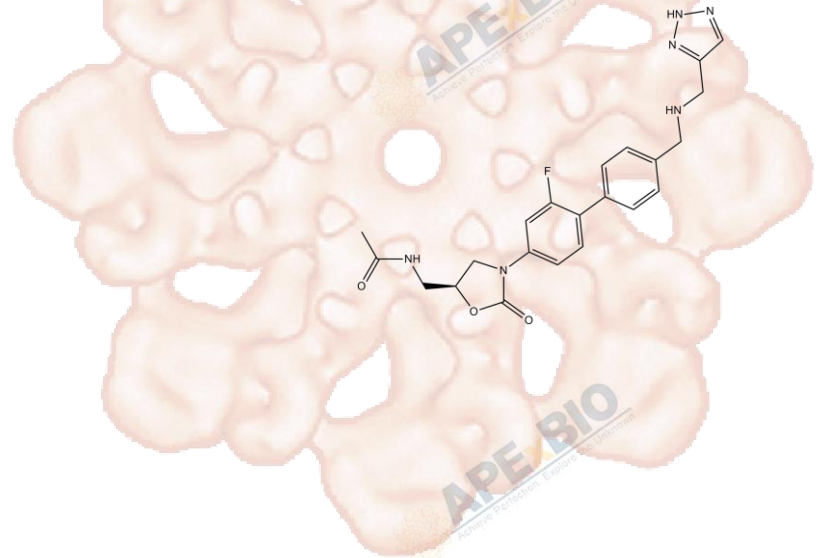


Product Data Sheet

Radezolid

Cat. No.:	A3749
CAS No.:	869884-78-6
Formula:	C ₂₂ H ₂₃ FN ₆ O ₃
M.Wt:	438.45
Synonyms:	RX-1741;RX 1741;RX1741
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥43.8 mg/mL in DMSO; insoluble in H₂O; ≥18.08 mg/mL in EtOH with gentle warming

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.2808 mL	11.4038 mL	22.8076 mL
	5 mM		0.4562 mL	2.2808 mL	4.5615 mL
	10 mM		0.2281 mL	1.1404 mL	2.2808 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Novel oxazolidinone antibiotic agent

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1.Katarzyna Michalska, Elżbieta Bednarek, et al. "Comprehensive spectral identification of key intermediates to the final product of the chiral pool synthesis of radezolid." Chemistry Central Journal (2017) 11:82.

2.Michalska K, Gruba E, et al. "Application of spectroscopic methods (FT-IR, Raman, ECD and NMR) in studies of identification and optical purity of radezolid." Spectrochim Acta A Mol Biomol Spectrosc. 2017 Apr 20;183:116-122.PMID:28456082

3.Michalska K, Gruba E, et al. "Enantioselective recognition of radezolid by cyclodextrin modified capillary electrokinetic chromatography and electronic circular dichroism." J Pharm Biomed Anal. 2017 May 30;139:98-108.PMID:28279932

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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