

## DATA SHEET

**For research use only. Not for use in humans.**

<b>Reagent:</b>	Bedaquiline Fumarate
<b>Catalog Number:</b>	ARP-12702
<b>Lot Number:</b>	70076590
<b>Provided:</b>	Each vial of ARP-12702 contains approximately 20 mg of bedaquiline fumarate.
<b>Description:</b>	Bedaquiline is an anti-tuberculosis compound that interferes with bacterial energy metabolism. It is a diarylquinoline antimycobacterial compound.
<b>Special Characteristics:</b>	<p>Bedaquiline inhibits mycobacterial ATP (adenosine 5'-triphosphate) synthase, an enzyme that is essential for the generation of energy in <i>Mycobacterium tuberculosis</i>.</p> <p>CAS Number: 845533-86-0            Chemical Name: 3-Quinoloneethanol, 6-bromo-alpha-[2-(dimethylamino)ethyl]-2-methoxy-alpha-1-naphthalenyl-beta-phenyl-,(alphaS,betaR)-,(2E)-2-butenedioate (1:1) (salt)            Empirical Formula: C<sub>36</sub>H<sub>35</sub>BrN<sub>2</sub>O<sub>6</sub>            Molecular Weight: 671.59</p> <p>Please refer to the Certificate of Analysis provided by Janssen Pharmaceuticals (Product JNJ-16175328-AEP, Batch A19DD1366) for more information.</p>
<b>Recommended Storage:</b>	Room temperature
<b>Contributor:</b>	Janssen Pharmaceuticals
<b>Citation:</b>	Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Bedaquiline Fumarate, ARP-12702."
<b>Required Form:</b>	All recipients must complete the Bedaquiline Addendum prior to receipt of this reagent.
<b>Biosafety Level: 1</b>	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.
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