



## 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>	70050031
<b>Release Category:</b>	E
<b>Provided:</b>	Each vial of ARP-12702 contains approximately 20 mg of bedaquiline fumarate.
<b>Description:</b>	Bedaquiline is an anti-tuberculosis compound which 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-Quinolineethanol, 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 116620, Batch A19JB3154) 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 the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Bedaquiline Fumarate, ARP-12702, contributed by Janssen Pharmaceuticals."
<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. <u><a href="#">Biosafety in Microbiological and Biomedical Laboratories</a></u> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see <u><a href="http://www.cdc.gov/biosafety/publications/bmb15/index.htm">www.cdc.gov/biosafety/publications/bmb15/index.htm</a></u> .
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