



DATA SHEET

For research use only. Not for use in humans.

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| Reagent: | Bedaquiline Fumarate |
| Catalog Number: | ARP-12702 |
| Lot Number: | 70042981 |
| Release Category: | E |
| Provided: | Each vial of ARP-12702 contains approximately 20 mg of bedaquiline fumarate. |
| Description: | Bedaquiline is an anti-tuberculosis compound which interferes with bacterial energy metabolism. It is a diarylquinoline antimycobacterial compound. |
| Special Characteristics: | <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: C₃₆H₃₅BrN₂O₆ 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> |
| Recommended Storage: | Room temperature |
| Contributor: | Janssen Pharmaceuticals |
| Citation: | 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." |
| Required Form: | All recipients must complete the Bedaquiline Addendum prior to receipt of this reagent. |
| Biosafety Level: 1 | 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>Biosafety in Microbiological and Biomedical Laboratories</u> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see <u>www.cdc.gov/biosafety/publications/bmbl5/index.htm</u> . |
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