Antiviral Compound UV-4B (API, EV016Q, cGMP)

Catalog No. NR-51350

For research use only. Not for human use.

Contributor and Manufacturer:
Emergent BioSolutions Inc., Gaithersburg, Maryland, USA

Product Description:
UV-4B, a hydrochloride salt of an iminosugar analog UV-4, inhibits activity of host endoplasmic reticulum α-glucosidases I and II, thus causing misfolding of viral glycoproteins leading to the reduction of infectious progeny viruses. The host based mechanism of action of UV-4B allows for its broad spectrum use with reduced chances of selecting drug resistant viruses. UV-4B inhibits all four serotypes of dengue virus and influenza A and B viruses.

Material Provided:
Each vial contains 500 mg of UV-4B. Reconstituted material should be filter-sterilized prior to use.

Packaging/Storage:
NR-51350 was packaged in glass serum vials and is provided on refrigerated bricks. NR-51350 should be stored at 2°C to 8°C immediately upon arrival. The vial should be centrifuged prior to opening.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Antiviral Compound UV-4B (API, EV016Q, cGMP), NR-51350.”

Biosafety Level: 1

Disclaimers:
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References:

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