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Filed on behalf of: Sanofi Mature IP

### UNITED STATES PATENT AND TRADEMARK OFFICE

#### **BEFORE THE PATENT TRIAL AND APPEAL BOARD**

NEPTUNE GENERICS, LLC Petitioner, v. AVENTIS PHARMA S.A. Patent Owner.

Case IPR2019-00136 U.S. Patent No. 5,847,170

PATENT OWNER PRELIMINARY RESPONSE

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