

**AMBROXOL DRY POWDER FOR INHALATION USE WITH BRONCHIAL  
TARGET**

**ABSTRACT**

5           The present invention relates to a preparation for inhalation use in form of  
dry powder comprising particles of ambroxol and/or hydrochlorides thereof, and at  
least a pharmaceutically acceptable excipient and/or dispersant wherein at least  
85% of said particles has a geometrical diameter from 3 to 5  $\mu\text{m}$ . The present  
invention further relates to the methods for preparing such composition and uses  
10 thereof. The present invention thanks to the very fine particles of dry powder, as  
above defined, constitutes a composition for inhalation use with optimum  
performances which, combined with inhaler action, reaches and acts directly on the  
bronchi or on the damaged respiratory tract. The local action and the quick  
absorption of the drug guarantee good features of bioavailability. The decrease in  
15 dosing Ambroxol with respect to the other existing oral or injectable formulations  
allows to reach quickly, locally and safely, the therapeutic target.

[No Available Figure]