## **API PRODUCT PORTFOLIO**

Nov. 2019

PRODUCT	INDICATION	API MICRONIZED	CEP/DMF
Arformoterol tartrate <sup>p</sup> polymorph A and D	COPD		US-CN DMF
Formoterol fumarate	Asthma and COPD	$\checkmark$	CEP / US-JP-KR-CN DMF
Glycopyrronium bromide <sup>p</sup>	COPD	$\sqrt{}$	CEP / US DMF
Indacaterol maleate <sup>p</sup>	Asthma and COPD	$\checkmark$	EU/US DMF
Salmeterol xinafoate <sup>P</sup>	Asthma and COPD	$\checkmark$	CEP / US-CN-KR DMF
Tiotropium Bromide	COPD	$\checkmark$	CEP / US DMF

## API PRODUCT PIPELINE

PRODUCT	INDICATION	SAMPLES	TECHNICAL PACKAGE	VALIDATION Batch	DMF
Abediterol	Asthma and COPD			2023	2023
Aclidinium bromide	COPD	V	Q4 2019	Q1 2020	Q4 2020
Batefenterol	COPD			2023	2024
Olodaterol <sup>p</sup>	COPD	V	Q4 2019	Q1 2020	Q4 2020
Revefenacin	COPD			Q1 2022	Q4 2022
Umeclidinium bromide	COPD	V	$\sqrt{}$	Q1/Q2 2020	Q3/Q4 2020
Vilanterol	Asthma and COPD	V	$\sqrt{}$	Q4 2019	Q2 2020

CEP = Products with Certificate of Suitability / P = Patent applications/granted patents owned by Neuraxpharm