## API PRODUCT PORTFOLIO

Feb 2019

THERAPEUTIC AREA	PRODUCT	INDICATION	API MICRONIZED	CEP/DMF	
Antiallergics	Desloratadine	Allergy	$\sqrt{}$	EU-CN DMF	
Armanergics	Loratadine <sup>P</sup>	Allergy	$\sqrt{}$	JP DMF	
Antiarrhythmics	Dronedarone <sup>p</sup>	Atrial fibrillation & general arrhythmia		DMF	
Antiasthmatics, COPD and respiratory diseases	Arformoterol tartrate <sup>P</sup> polymorph A and D	COPD		US-CN DMF	
	Formoterol fumarate	Asthma and COPD	V	CEP/US-JP-KR-CN DMF	
	Glycopyrronium bromide <sup>P</sup>	COPD	$\checkmark$	CEP/ US DMF	
	Montelukast sodium <sup>p</sup>	Asthma, allergic & seasonal rhinitis		EU-JP DMF	
	Salbutamol sulfate	Asthma and COPD	$\sqrt{}$		
	Salmeterol xinafoate <sup>p</sup>	Asthma and COPD	$\sqrt{}$	CEP/ US-CN DM	
Antiemetics	Granisetron base <sup>p</sup>	Emesis		US DMF	
	Granisetron hydrochloride <sup>P</sup>	Emesis		CEP/ US-JP-KR DA	
	Ondansetron base <sup>p</sup>	Emesis	$\sqrt{}$	EU-US DMF	
	Ondansetron hydrochloride <sup>p</sup>	Emesis	$\sqrt{}$	CEP/US DMF	
Antifungals	Fluconazol <sup>P</sup>	Antifungal		CEP/US-KR DMF	
Antihipertensive	Carvedilol <sup>P</sup>	Hypertension, angina, heart failure		JP DMF	
	Enalapril maleate <sup>P</sup>	Hypertension		CEP/KR DMF	
	Imidapril	Hypertension		EU DMF	
	Nitrendipine	Hypertension	<b>√</b>	CEP/DMF	
Antimigrainics	Eletriptan HBr <sup>p</sup>	Migraine	$\sqrt{}$	JP DMF	
	Rizatriptan benzoate <sup>P</sup>	Migraine	$\sqrt{}$	EU-US DMF	
	Zolmitriptan <sup>P</sup>	Migraine	$\sqrt{}$	EU-US DMF	
Antipsychotics	Asenapine maleate <sup>p</sup>	Schizophrenia and acute mania			
	Clomethiazole	Insomnia		EU DMF	
	Olanzapine <sup>p</sup>	Schizophrenia, psychosis		EU-US- DMF	
	Quetiapine hemifumarate P	Schizophrenia, psychosis	osis		
	Risperidone <sup>P</sup>	Schizophrenia, psychosis	<b>√</b>	CEP/US-KR DMF	
Antithrombotics	Prasugrel base <sup>p</sup>	Prophylaxis and therapy of thrombosis		EU DMF	
Arminiombolics	Rivaroxaban	Thrombosis. Stroke		DMF	
Spasmolytic	Otilonium bromide	Irritable bowel syndrome		EU DMF	

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

Listed products protected by valid patents are developed solely for purposes related to the development, preparation and submission of information to obtain a Marketing Authorization. In particular these products are under development for uses related to the activities stated in Art. 10.6 of Directive 2001/83/EC amended by the Directive 2004/27/EC of the European Parliament and of the Council of 31 March 2004, i.e. activities carried out to obtain a Marketing Authorization. None of the products are offered for sale or supplied to countries in which they could be in conflict with valid patents.

May 2019

THERAPEUTIC AREA	PRODUCT	INDICATION	SAMPLES	TECHNICAL PACKAGE	VALIDATION BATCH	DMF
Antiasthmatics, COPD and respiratory diseases	Abediterol	Asthma and COPD			Early R&D	
	Aclidinium bromide	COPD	$\sqrt{}$	Q2/Q3 2019	Q4 2019	2020
	Batefenterol	COPD			Early R&D	
	Indacaterol maleate <sup>p</sup>	COPD	√	$\checkmark$	$\sqrt{}$	Q2 2019
	Olodaterol <sup>p</sup>	COPD	Q2 2019	Q3 2019	Q1 2020	2020
	Revefenacin	COPD			Early R&D	
	Roflumilast	COPD with chronic bronchitis	√			
	Tiotropium Bromide	COPD	$\sqrt{}$	V	V	Q2/Q3 2019
	Umeclidinium bromide	COPD	$\sqrt{}$	$\sqrt{}$	Q3 2019	2019
	Vilanterol	Asthma and COPD	$\sqrt{}$	V	Q2 2019	Q4 2019
Antiemetics	Aprepitant	Emesis	1	$\sqrt{}$	V	2019
Antihipertensive	Clevidipine <sup>p</sup>	Hypertension	V	V		
Antihyperparathyroidism	Cinacalcet	Hyperparathyroidism/Hypercalcaemia	√	√	$\checkmark$	
Antiparkinson	Benserazide	Parkinson's disease			Early R&D	2020
	Tetrabenazine	Huntington's disease chorea and Tardive dyskinesia	√	V	<b>√</b>	2019
	(+) Tetrabenazine	Huntington's disease chorea and Tardive dyskinesia	√	<b>V</b>		
Antipsychotics	Brexpiprazole	Schizophrenia and major depressive disorders				
	Olanzapine pamoate	Schizophrenia, psychosis	V	<b>√</b>	Q2 2019	2019
	Paliperidone	Schizophrenia, bipolar mania				
	Paliperidone palmitate	Schizophrenia, bipolar mania				2020
	Pipamperone	Schizophrenia			Q4 2019	2020
Antithrombotics	Apixaban <sup>p</sup>	Venous thromboembolism	$\sqrt{}$	V		
Other disorders	Tafamidis	Dealy nerve damage caused by transthyretin amoloydosis			Early R&D	
	Tolvaptan	Hiponatremia	<b>√</b>	$\sqrt{}$		
Urologics	ImidafenacinP	Urinary incontinence	$\sqrt{}$	V		

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