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# Calcitonin salmon nasal spray

**Trade Name:**

Miacalcin NS, Sandoz Calcitonin NS, Apo-Calcitonin NS

**Manufacturer/Distributor:**

Novartis Pharmaceuticals

Sandoz Canada

Apotex Inc.

**Classification:**

Bone metabolism regulator

**ATC Class:**

H05BA - calcitonin preparation

**Status:**

discontinued

**Presentation:**

Nasal spray: 200 IU. DIN: 02240775 (Miacalcin)

Nasal spray: 200 IU. DIN: 02261766 (Sandoz Calcitonin NS)

Nasal spray: 200 IU. DIN: 02247585 (Apo-Calcitonin NS)

**Comments:**

The manufacturers of synthetic calcitonin (salmon) nasal sprays (Miacalcin ? Novartis; Sandoz Calcitonin ? Sandoz; Apo-Calcitonin ? Apotex) ceased sale of these products on July 3, 2013. Distribution will be phased out and DINs cancelled on October 1, 2013. "Health Canada has evaluated information on the risk of malignancies from randomised controlled trials in patients with osteoporosis or osteoarthritis receiving calcitonin (salmon) nasal spray or an unlicensed oral calcitonin formulation. Patients treated with calcitonin in these trials had a low but observable increased rate of malignancies compared with patients taking placebo. The increased rates seen with calcitonin compared to placebo varied between 0.7% in studies with the oral formulation to 2.4% in the studies with the nasal formulation. Taking this new safety information and the available efficacy data into account, Health Canada concluded that the risks of calcitonin (salmon) nasal spray outweigh the benefits for the treatment of established post-menopausal osteoporosis."

**Source:**

Healthy Canadians Website: <http://healthycanadians.gc.ca/recall-alert-rappel-avis/hc-sc/2013/34783a-eng.php>

**Keywords:** calcitonin  
drug discontinuation

**Access:**

public

**Back to:**

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**Status:**

<Any>

**Search Terms:**

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<u>Generic Name</u>	<u>Common Trade Name(s)</u>	<u>Classification</u>	<u>Date Marketed in Canada (yyyy/mm/dd)</u>
Abatacept	Orencia	Co-stimulation modulator for rheumatoid arthritis	2006/09
Abemaciclib	Verzenio	Protein kinase inhibitor	2019/07/03
Abiraterone	Zytiga	Androgen biosynthesis inhibitor	2011/08/08
Acamprosate	Campral	Alcohol abstinence aid	2007/03
Aclidinium + formoterol	Duaklir Genuair	Bronchodilator combination - LAMA plus LABA	2015/07/09
Aclidinium bromide	Tudorza Genuair	Bronchodilator	2013-09
Adapalene + benzoyl peroxide	Tactuo	Acne therapy	2011/04
Adefovir dipivoxil	Hepsera	Antiviral agent	2006/10
Afatinib	Giotrif	Protein kinase inhibitor	2014/05/28
Albiglutide	Eperzan	Antihyperglycemic agent	2016/02/19
Alendronate	Fosamax	Bone resorption inhibitor	2011/03
Alglucosidase alfa	Myozyme	Enzyme replacement therapy	2007/04
Aliskiren and hydrochlorothiazide	Rasilez HCT	Renin inhibitor and diuretic	2009/09
Alitretinoin	Toctino	Immunomodulator, antiinflammatory agent	2010/10/19
Alogliptin	Nesina	Oral antihyperglycemic agent	2014/10/08

<u>Generic Name</u>	<u>Common Trade Name(s)</u>	<u>Classification</u>	<u>Date Marketed in Canada (yyyy/mm/dd)</u>
<u>Alogliptin + metformin</u>	Kazano	Oral antihyperglycemic agent	2014/10/08
<u>Alpelisib</u>	Piqray	Antineoplastic agent	2020/03/11
<u>Aluminum chloride hexahydrate</u>	Hydrosal gel	Antiperspirant	
<u>Aminophylline</u>	Phyllocontin	Bronchodilator	2010
<u>Apalutamide</u>	Erleada	Anti-androgen	2018/07/27
<u>Apixaban</u>	Eliquis	Anticoagulant	2012/03
<u>Apomorphine</u>	Movapo	Nonergot-derivative dopamine receptor agonist	2018/04/xx
<u>Apomorphine</u>	Kynamobi	Nonergot-derivative dopamine receptor agonist	2020/06/12
<u>Apremilast</u>	Otezla	Immunosuppressant agent	2014/12/08
<u>Aripiprazole</u>	Abilify	Antipsychotic agent	2009/07/03
<u>ASA + Meprobamate + Codeine + Caffeine</u>	282 MEP	Narcotic analgesic	
<u>Asenapine</u>	Saphris	Atypical antipsychotic	2012/03/16
<u>Asunaprevir</u>	Sunvepra	Antiviral agent	2016/04/22
<u>Avelumab</u>	Bavencio	Antineoplastic agent	2017/12/18
<u>Axicabtagene ciloleucel</u>	Yescarta	Antineoplastic agent	2019/11/27
<u>Axitinib</u>	Inlyta	Anti-tumor agent	2012/09
<u>Azacitidine</u>	Vidaza	Antineoplastic agent	2009/12/07
<u>Azelastine + fluticasone</u>	Dymista	Antihistamine and corticosteroid agent	2015/10/22
<u>Azilsartan</u>	Edarbi	Antihypertensive agent	2013/03/27
<u>Azilsartan + chlorthalidone</u>	Edarbyclor	Antihypertensive agent	2013/03/27
<u>Azithromycin dihydrate</u>	Zmax SR	Antibiotic	2010/10/29

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We are grateful to all the First Nations who have cared for and nurtured the lands and waters around us for all time, including the x?m??k??y??m (Musqueam), Sk?wx?wu?7mesh

U?xwumixw (Squamish Nation), and s?l?ílw?ta? (Tsleil-Waututh Nation) on whose unceded and ancestral territory our centre is located.

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