



# Chengdu KaiJie Biopharm Co., Ltd.

Segment 1, Industrial Road, Dayi county, Chengdu, Sichuan, P. R. China, 611330

Tel: 86-28-88208155, Fax: 86-28-88203632 WEB: [www.kjpep.com](http://www.kjpep.com)

## About Author

Chengdu Kaijie Biopharm Co, Ltd. (KJBP) is one of leading peptide manufacturers in Asia. With its highest capacity of production in China and the outstanding quality of peptide products, Kaijie holds a unique position.

## Calcitonin (Salmon)

### 1. US Trade Names: Miacalcin , Fortical

### 2. How Supplied

#### 2.1. Fortical

Nasal Spray: 200 IU/Actuation

#### 2.2. Miacalcin

Injection Solution: 200 IU/ML

Nasal Spray: 200 IU/Actuation



### 3. Adult Dosing

Hypercalcemia: initial, 4 international units/kg SUBQ or IM every 12 h; may increase after 1 to 2 days to 8 international units/kg every 12 h; may increase after another 2 days to a maximum of 8 international units/kg every 6 h

Paget's disease: initial, 100 international units SUBQ or IM daily

Paget's disease: maintenance in patients without serious deformity or neurological involvement, 50 international units SUBQ or IM daily or every other day

Postmenopausal osteoporosis: 100 international units SUBQ or IM every other day

Postmenopausal osteoporosis: 200 international units (1 spray) INTRANASALLY per day, alternating nostrils daily

### 4. Pediatric Dosing

Safety and effectiveness not established in children

### 5. Mechanism of Action

Calcitonin-salmon is a potent synthetic polypeptide hormone that has similar effects to calcitonins of mammalian origin. It reduces the number of osteoclast and prevents resorptive activity of the bone resulting in a reduced bone turnover rate. It also temporarily improves bone formation by increasing osteoblastic activity.

### 6. Adverse Effects



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**Dermatologic:** Flushing, Face or hands, injection, Injection site inflammation

**Gastrointestinal:** Nausea, Vomiting, Injection

**Musculoskeletal:** Backache, Nasal

**Respiratory:** Rhinitis, Nasal

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