



Chengdu Kaijie Biopharm Co., Ltd.

Segment 1, Industrial Road, Dayi county, Chengdu, Sichuan, P. R. China, 611330
Tel: 86-28-88208815, Fax: 86-28-88203632 WEB: www.kjpep.com

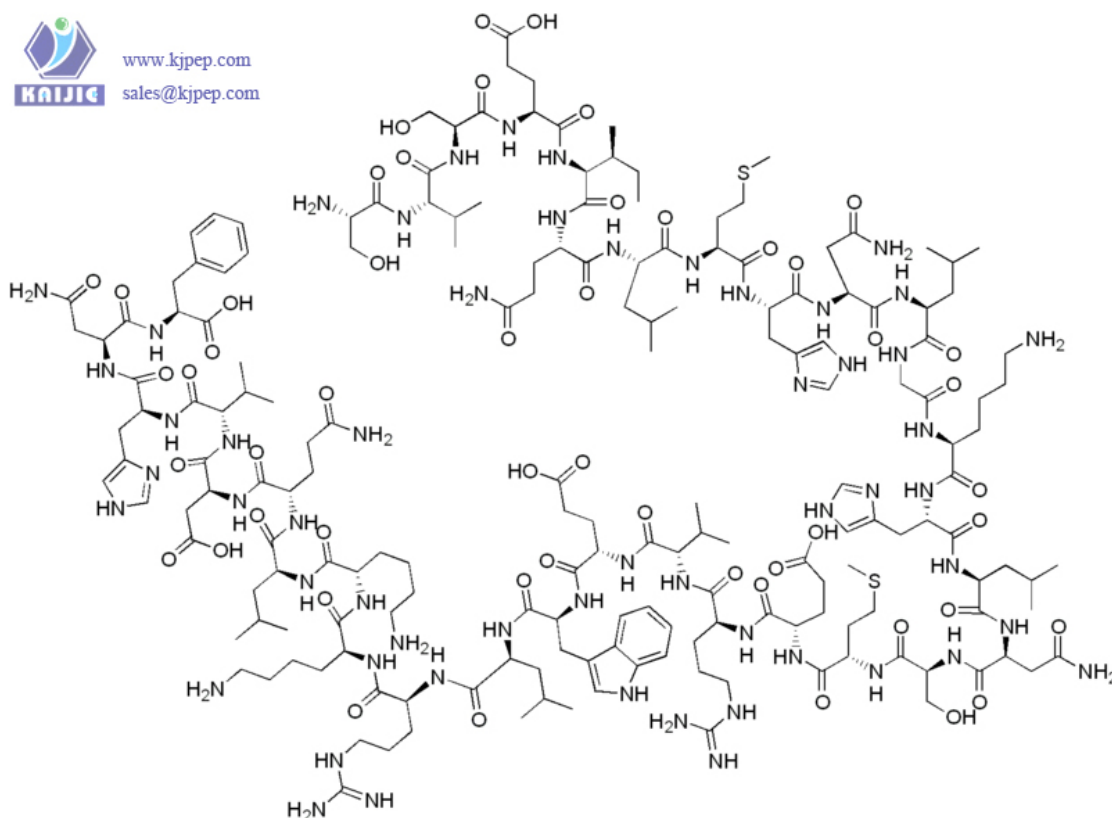
About Author

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.

Teriparatide



www.kjpep.com
sales@kjpep.com



1. US Trade Name: Forteo

2. How Supplied

2.1. Forteo:

Subcutaneous Solution: 250 MCG/ML

3. Adult Dosing

Osteoporosis, Primary or hypogonadal: 20 mcg SC once daily

Postmenopausal osteoporosis: 20 mcg SC once daily

4. Mechanism of action

Teriparatide is the portion of human parathyroid hormone (PTH), amino acid sequence 1 through 34, of the complete molecule (containing 84 amino acids). Endogenous PTH is the primary regulator of calcium and phosphate metabolism in bone and kidney. PTH increases serum calcium, partially accomplishing this by increasing bone resorption. Thus,



Chengdu KaiJie Biopharm Co., Ltd.

Segment 1, Industrial Road, Dayi county, Chengdu, Sichuan, P. R. China, 611330
Tel: 86-28-88208815, Fax: 86-28-88203632 WEB: www.kjpep.com

chronically elevated PTH will deplete bone stores. However, intermittent exposure to PTH will activate osteoblasts more than osteoclasts. Thus, once-daily injections of teriparatide have a net effect of stimulating new bone formation leading to increased bone mineral density.

Teriparatide is the first, and to date only, FDA approved agent for the treatment of osteoporosis that stimulates new bone formation.

5. Pediatric Dosing

Safety and efficacy have not been established in children

6. Adverse Effects

Cardiovascular: Hypotension, Syncope

Dermatologic: Rash, Sweating symptom

Endocrine metabolic: Hyperuricemia

Gastrointestinal: Constipation, Diarrhea, Indigestion, Nausea, Vomiting

Musculoskeletal: Arthralgia (10.1%), Spasm (1% to 10%)

Neurologic: Asthenia, Dizziness

Respiratory: Increasing frequency of cough, Pharyngitis, Rhinitis