ABSTRACT

INHIBITION OF OSTEOLYTIC LESIONS BY SRC KINASE INHIBITORS

The present invention include methods and compositions for treating bone-resorbing diseases or bone resorption related to a pathologic condition generally, including, but not limited to osteoporosis, arthritis, rheumatoid arthritis, cancer metastases to the bone, bone cancer, hypercalcemia, osteolytic lesions with orthopedic implants, Paget's disease, and bone loss associated with hyperparathyroidism. Representative cancers include, but are not limited to breast cancer, prostrate cancer, colon cancer, endometrial cancer, multiple myeloma, renal cell carcinoma, heck and neck cancers, and cervical carcinoma. Arthritic conditions include, but are not limited to adjuvant-, collagen-, bacterial- and antigen-induced arthritis, particularly rheumatoid arthritis.

FIG. 1A