

Ki20227

Cat. No. CEI-1096

Lot. No. (See product label)

Introduction

Description Ki20227, a c-fms tyrosine kinase inhibitor, suppresses osteoclast differentiation and osteolytic bone destruction in a bone metastasis model.

Synonyms C-FMS, CD115, CSF-1R, CSFR, FIM2, FMS, HDLS, M-CSF-R

Product Information

CAS No. 623142-96-1

Molecular Formula C₂₄H₂₄N₄O₅S

Chemical Name (N-{4-[(6,7-dimethoxy-4-quinolyl)oxy]-2-methoxyphenyl}-N'-[1-(1,3-thiazole-2-yl)ethyl]urea)

Molecular Weight 480.54

Purity > 95%

Targets c-Fms

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage 4 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO