
Minodronic acid

产品编号: D57116

CAS: 180064-38-4

分子式: C₉H₁₂N₂O₇P₂

纯度: 98.02%

InChi Key: InChIKey=VMMKGHQPQIEGSQ-UHFFFAOYSA-N

Smiles: O=P(O)(O)C(O)(CC1=CN=C2C=CC=CN21)P(=O)(O)O

外观: 固体粉末

作用通路: Membrane transporter/Ion channel;Neuroscience;Apoptosis

作用靶点: P2X Receptor;Apoptosis

溶解性: H₂O: 4 mg/mL (12.42 mM, Need ultrasoni); DMSO: <1 mg/mL

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Minodronic acid(YM-529) is a P2X_{2/3} receptor antagonist with anticancer activity, directly or indirectly inhibiting the proliferation of cancer cells and inducing apoptosis. Minodronic acid has been shown to inhibit the metastasis of various types of cancer cells. Minodronic-acid has been used in the study of osteoporosis.