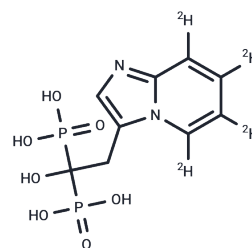


Minodronic acid-D4

Chemical Properties

CAS No. :	1807367-80-1
Formula:	C ₉ H ₈ D ₄ N ₂ O ₇ P ₂
Molecular Weight:	326.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Minodronic acid-D4 is a deuterated compound of Minodronic acid. Minodronic acid (T8436) has a CAS number of 180064-38-4. 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 (T8436) has been shown to inhibit the metastasis of various types of cancer cells. Minodronic-acid has been used in the study of osteoporosis.
Targets(IC50)	Apoptosis, P2X Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0659 mL	15.3294 mL	30.6589 mL
5 mM	0.6132 mL	3.0659 mL	6.1318 mL
10 mM	0.3066 mL	1.5329 mL	3.0659 mL
50 mM	0.0613 mL	0.3066 mL	0.6132 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481