

Alendronate prodrug-1

Chemical Properties

CAS No. :

Formula: C₂₂H₃₁N₃O₁₅P₂

Molecular Weight:

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	Alendronate prodrug-1 (compound 2) is an inhibitor of farnesyl diphosphate synthase (FPPS) and exhibits antiproliferative activity with an IC ₅₀ value of 34.0 μM.
Targets(IC ₅₀)	Antibacterial
In vitro	Alendronate prodrug-1 exhibits antiproliferative activity after irradiation (365 nm, 4 mW/cm ² , 10 minutes), with an IC ₅₀ value of 34.0 μM.

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