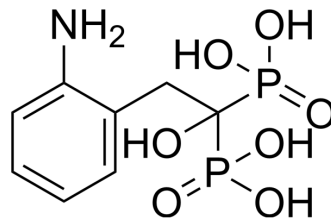


## NE21650

Cat. No.:	HY-126825
CAS No.:	427899-21-6
Molecular Formula:	C <sub>8</sub> H <sub>13</sub> NO <sub>7</sub> P <sub>2</sub>
Molecular Weight:	297.14
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

NE21650 potently inhibits farnesyl diphosphate (FPP) synthase. NE21650 is a weak inhibitor of isopentenyl diphosphate (IPP) isomerase. NE21650 is a potent inhibitor of protein prenylation in osteoclasts and macrophages and bone resorption in vitro<sup>[1]</sup>.

### REFERENCES

[1]. Keith Thompson, et al. Identification of a bisphosphonate that inhibits isopentenyl diphosphate isomerase and farnesyl diphosphate synthase. *Biochem Biophys Res Commun.* 2002 Jan 18;290(2):869-73.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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