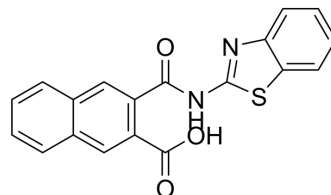


## S24-14

Cat. No.:	HY-162847
CAS No.:	2348566-35-6
Molecular Formula:	C <sub>19</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	348.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

S24-14 is a potent antiosteoporosis agent. S24-14 inhibits osteoclastogenesis with an IC<sub>50</sub> value of 0.40 μM. S24-14 induces osteoblast differentiation. S24-14 suppresses bone loss<sup>[1]</sup>.

### REFERENCES

[1]. Huang D, et al. Discovery of Novel Antiosteoporosis Leads with Bone Resorption Inhibition and Anabolic Promotion through a Chemotype-Assembly Approach. *J Med Chem.* 2024 Sep 12;67(17):15311-15327.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA