
Product Name : POM-1
Cat. No. : PC-24757
CAS No. : 12141-67-2
Molecular Formula : $\text{H}_2\text{Na}_6\text{O}_{40}\text{W}_{12}$
Molecular Weight : 2986.01
Target : Nucleoside Antimetabolite/Analog
Solubility : 10 mM in DMSO

$3\text{Na}_2\text{WO}_4 \cdot 9\text{WO}_3$

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Biological Activity

POM-1 (Sodium metatungstate, Sodium polyoxotungstate) is an effective NTPDase inhibitor with K_i values of 2.58 μM , 3.26 μM , and 28.8 μM for NTPDase 1 (CD39), NTPDase 3 and NTPDase 2 respectively, inhibits ATP breakdown and shows anti-inflammatory and anti-cancer effect.

References

Wall M J, et al. Neuropharmacology, 2008, 55(7): 1251-1258.

Csóka B, et al. The FASEB Journal, 2015, 29(1): 25.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com
