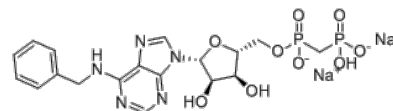


**Product Name** : PSB-12379  
**Cat. No.** : PC-62916  
**CAS No.** : 1802226-78-3  
**Molecular Formula** : C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>9</sub>P<sub>2</sub>  
**Molecular Weight** : 515.36  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

PSB-12379 is an  $\alpha,\beta$ -Methylene-ADP (AOPCP) derivative, potent, selective ecto-5'-Nucleotidase (eN, **CD73**) inhibitor with  $K_i$  of 9.03/2.21 nM for rat/human recombinant eN.

PSB-12379 displays high selectivity versus other ecto-nucleotidases and ADP-activated P2Y receptors, has high metabolic stability.

## References

Bhattarai S, et al. *J Med Chem*. 2015 Aug 13;58(15):6248-63.

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

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