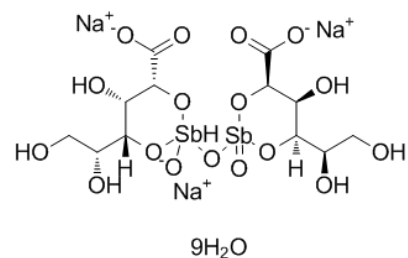


**Product Name** : Stibogluconate sodium  
**Cat. No.** : PC-42207  
**CAS No.** : 16037-91-5  
**Molecular Formula** : C<sub>12</sub>H<sub>38</sub>O<sub>26</sub>Sb<sub>2</sub>Na<sub>3</sub>  
**Molecular Weight** : 910.9  
**Target** : Protein Phosphatase/PTP  
**Solubility** :



## Biological Activity

Stibogluconate sodium (Sodium stibogluconate) is a multiple antimony compound that has leishmanicidal and potential antineoplastic activities, inhibits protein tyrosine phosphorylase **SHP-1** (99% inhibition at 10 ug/mL), SHP-2 and PTP1B, shows anticancer activity in synergy with IFNs.

## References

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Fan K, et al. *J Immunol.* 2010 Jun 1;184(11):6529-36.

Pathak MK, et al. *J Immunol.* 2001 Sep 15;167(6):3391-7.

Yi T, et al. *J Immunol.* 2002 Nov 15;169(10):5978-85.

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

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