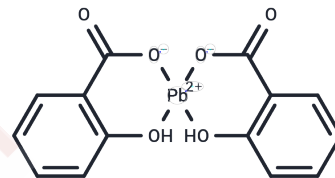


Lead salicylate

Chemical Properties

CAS No. :	15748-73-9
Formula:	C ₁₄ H ₁₀ O ₆ Pb
Molecular Weight:	481.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Lead salicylate is a combustion chemical.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0773 mL	10.3864 mL	20.7727 mL
5 mM	0.4155 mL	2.0773 mL	4.1545 mL
10 mM	0.2077 mL	1.0386 mL	2.0773 mL
50 mM	0.0415 mL	0.2077 mL	0.4155 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Duman F, Aksoy A, Ozturk F, Ceylan A. Exogenous salicylate application affects the lead and copper accumulation characteristics of *Lemna gibba* L. *Z Naturforsch C*. 2010 Nov-Dec;65(11-12):675-80. PubMed PMID: 21319709.
- Wu H, Xu FL, Yin Y, Da P, You XD, Xu HM, Tang Y. Salicylate-induced changes in immediate-early genes in the hippocampal CA1 area. *Mol Med Rep*. 2015 Aug;12(2):1625-30. doi: 10.3892/mmr.2015.3608. Epub 2015 Apr 14. PubMed PMID: 25873216; PubMed Central PMCID: PMC4464479.
- Azimi L, Kachooeian M, Khodaghali F, Yans A, Heysieattalab S, Vakilzadeh G, Vosoughi N, Sanati M, Taghizadeh G, Sharifzadeh M. Protective effects of salicylate on PKA inhibitor (H-89)-induced spatial memory deficit via lessening autophagy and apoptosis in rats. *Pharmacol Biochem Behav*. 2016 Nov - Dec;150-151:158-169. doi: 10.1016/j.pbb.2016.10.008. Epub 2016 Oct 27. PubMed PMID: 27984096.
- Szczuko M, Romaniuk R. [Low salicylate diet and the possibility of nutrient deficiencies]. *Pomeranian J Life Sci*. 2016;62(4):18-24. Polish. PubMed PMID: 29537784.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481