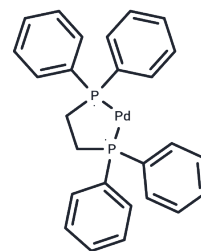


Bis[1,2-bis(diphenylphosphino)ethane]palladium(0)

Chemical Properties

CAS No. :	31277-98-2
Formula:	C ₂₆ H ₂₄ P ₂ Pd
Molecular Weight:	504.84
Storage:	Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Bis[1,2-bis(diphenylphosphino)ethane]palladium(0), commonly abbreviated as Pd(PPh ₃) ₂ or Pd(dppf), is an organometallic compound. It is extensively utilized as a catalyst in organic chemical reactions, especially in cross-coupling processes such as the Suzuki-Miyaura and Heck reactions, due to its high catalytic activity, selectivity, and stability. This makes it a versatile tool for synthesizing complex organic compounds. Additionally, there is research into the potential applications of Pd(PPh ₃) ₂ in producing electronic materials and in pharmaceutical and biochemical studies.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9808 mL	9.9041 mL	19.8083 mL
5 mM	0.3962 mL	1.9808 mL	3.9617 mL
10 mM	0.1981 mL	0.9904 mL	1.9808 mL
50 mM	0.0396 mL	0.1981 mL	0.3962 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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