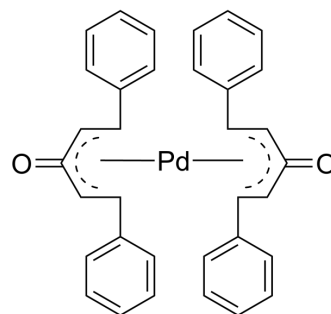


Bis(dibenzylideneacetone)palladium

Cat. No.:	HY-W001137
CAS No.:	32005-36-0
Molecular Formula:	C ₃₆ H ₄₂ O ₂ Pd
Molecular Weight:	575
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (43.48 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7391 mL	8.6957 mL	17.3913 mL
	5 mM		0.3478 mL	1.7391 mL	3.4783 mL
	10 mM		0.1739 mL	0.8696 mL	1.7391 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Bis(dibenzylideneacetone)palladium is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

Hydrogenation, isomerization, carbonylation, oxidation, CC bond formation. Bis(dibenzylideneacetone)palladium(0) is used as a reagent for the preparation of allylic substituted cyclopentadienes. It acts as a homogeneous catalyst as well as in the alkylation of allyl acetates by various nucleophiles. Furthermore, it is used in Suzuki reaction.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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