

## Product Data Sheet

Product Name: Bis(dibenzylideneacetone)palladium(0)

Cat. No.: GD02230

### Chemical Properties

Cas. No. 32005-36-0

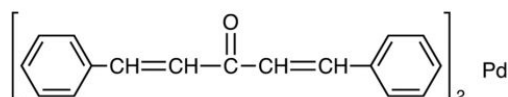
Formula C<sub>34</sub>H<sub>28</sub>O<sub>2</sub>Pd M.Wt 575

Solubility DMSO : 25 mg/mL (43.48 mM; Need ultrasonic) Storage argon filling

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

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

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.

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

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