

Product Data Sheet

Product Name: 2,2,2-Triphenylacetophenone

Cat. No.: GD22334

Chemical Properties

Cas. No. 466-37-5

Formula $C_{26}H_{20}O$

M.Wt 348.44

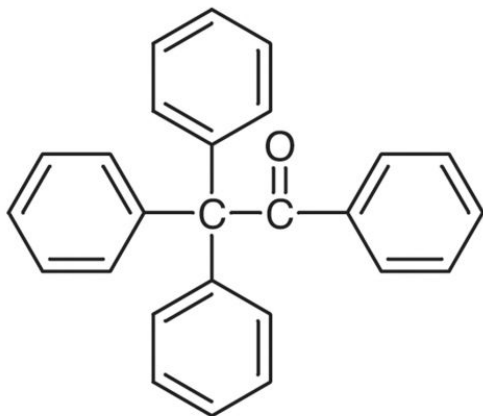
Solubility

Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Benzopinacolone (2,2,2-Triphenylacetophenone; 1,2,2,2-Tetraphenylethanone) can be synthesized

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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when benzopinacol reacts with acids of moderate strength, causing the pinacol rearrangement. Benzopinacolone can undergo ring-opening rearrangement via appropriate epoxides reacting with acids^[1].

References:

[1].Douglas A. Klumpp, et al. Preparation of Condensed Aromatics by Superacidic Dehydrative Cyclization of Aryl Pinacols and Epoxides1a. J. Org. Chem. 1997, 62, 19, 6666–6671.

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