

Product Data Sheet

Product Name: Peanut oil

Cat. No.: GD20430

Chemical Properties

Cas. No. 8002-03-7

Formula

M.Wt

Solubility DMSO : 100 mg/mL (Need ultrasonic)

Storage 2-8°C 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

Peanut Oil

Background

Peanut Oil is an edible vegetable oil found in peanuts. Peanut Oil is naturally trans fat-free, cholesterol-free, low in saturated fats, and rich in monounsaturated (oleic acid) and polyunsaturated (linoleic acid) fatty acids, along with vitamin E, phytosterols, and squalene. Peanut Oil provides protection against harmful free radicals. Peanut Oil possesses cardioprotective properties. Peanut Oil possesses anti-inflammatory properties. Peanut Oil can be used for the research of cardiovascular disease, type 2 diabetes and inflammatory diseases^[1].

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

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References:

[1]. Akhtar S, et al. Physicochemical characteristics, functional properties, and nutritional benefits of peanut oil: a review. Crit Rev Food Sci Nutr. 2014;54(12):1562-75.

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