

Tea polyphenol

Chemical Properties

CAS No. : 84650-60-2

Formula:

Molecular Weight:

Tea polyphenol

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Tea polyphenol, also called green tea extract, are a mixture of chemical compounds, such as flavanoids and tannins, found naturally in tea. Polyphenols are powerful antioxidants, which can reduce the risk of developing coronary artery disease and a number
Targets(IC50)	Apoptosis, Autophagy

Solubility Information

Solubility	DMSO: 10 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL, Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

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