

Product Data Sheet

Product Name: mPEG-Mal (MW 3400)

Cat. No.: GC72601

Chemical Properties

Cas. No. 724722-89-8

Formula M.Wt 3400(Average)

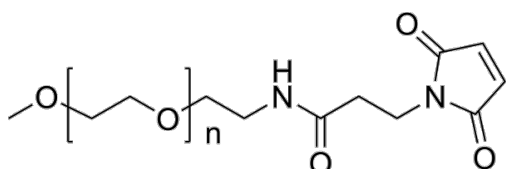
Solubility DMSO : 100 mg/mL (Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

Storage 4°C, protect from light

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

mPEG-Mal (MW 3400) is a PEG derivative used for thiol pegylation of protein molecules. Its maleimide group (-Mal) degrades in aqueous media and finds application in drug delivery studies.

References:

[1]. Nanda P, et al. Development of a spectrophotometric biphasic assay for the estimation of mPEG-

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

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maleimide in thiol PEGylation reaction mixtures[J]. Chemical Engineering Communications, 2016, 203(11): 1464-1472.

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