
Product Data Sheet

Product Name: m-PEG5-Tos

Cat. No.: GC67383

Chemical Properties

Cas. No. 80755-67-5

Formula $C_{18}H_{30}O_8S$ M.Wt 406.49

Solubility Storage Store at $-20^{\circ}C$

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

m-PEG5-Tos is a derivative of silybin ethers, extracted from patent CN105037337A (compound III-c). m-PEG5-Tos is a PEG-based **PROTAC linker** can be used in the synthesis of Silymarin [1].

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein.

PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

[1]. Yuxia Zhao, et al. Derivative of silybin ethers, and synthetic method and application thereof. Patent CN105037337A.

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

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