Product Data Sheet

Product Name: PEG3-tetrazine
Cat. No.: GC59021

Chemical Properties

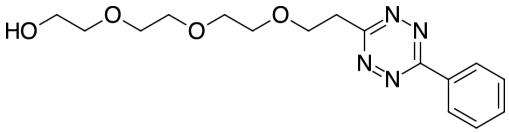
Cas. No.

Formula	$C_{16}H_{22}N_4O_4$	M.Wt	334.37
Solubility	good in most organic solvents (excluding hydrocarbons)	Storage	Storage: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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

PEG3 tetrazine is a monoreactive derivative that allows a facile attachment of hydrophilic triethyleneglycol fragment (pegylation) by inverse electron demand Diels-Alder reaction (ied-DA) with strained olefins, such as trans-cyclooctenes, and some cyclooctynes.

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