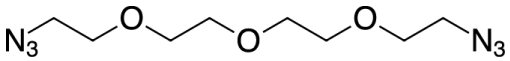
Product Data Sheet

Product Name: Azide-PEG4-Azide
Cat. No.: GC59009

Chemical Properties

Cas. No.	101187-39-7		
Formula	$C_8H_{16}N_6O_3$	M.Wt	244.25
Solubility	miscible with water, polar organic solvents	Storage	Storage: 24 months after receival at -20°C. 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

PEG4 diazide is a hydrophilic linker with two azide groups. Both can be modified by Click chemistry, either by a copper catalyzed reaction with terminal alkynes, or by a copper-free reaction with cycloalkynes. Azides can also participate in the Staudinger ligation reaction.

This diazide is useful for the synthesis of dimeric molecules by Click chemistry.

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