

Product Information

Thioacetate/Amine PEG reagent, S-Acetyl-ethylene-amide-PEG11-amine, Purity ≥95%

Cat. No.: X26-09-ZQ374

Size: 50 mg; 100 mg

Synonym: S-Acetyl-ethylene-amide-PEG11-amino; Thioacetate-ethylene-amide-PEG11-amine; S-Acetyl-ethylene-amide-polyethylene glycol11-amine; S-Acetyl-ethylene-amide-undecaethylene glycol-amine

This product is for research use only and is not intended for diagnostic use.

Product Information	
Description	This functionalized building block pairs a protected thioacetate (S-acetyl) handle with a primary amine separated by an ethylene-amide-PEG11 spacer. The S-acetyl group acts as a latent thiol that can be deprotected using hydroxylamine. The primary amine terminal undergoes coupling with activated carboxylic acids or esters. The PEG11 chain imparts strong hydrophilic properties.
Molecular Weight	674.9
Molecular Formula	C ₂₉ H ₅₈ N ₂ O ₁₃ S
Functional Group 1	Thioacetate
Functional Group 2	Amine
Reactive Group 1	Carboxylic acid
Reactive Group 2	NHS ester
Purity	≥95%
Applications	This product can be used for introducing protected thiols onto carboxylated oligosaccharides, assembling functional crosslinkers, and surface bioconjugation.
Storage	Store at -20°C.