

Product Information

Thioacetate/Alcohol PEG reagent, S-acetyl-PEG20-alcohol, Purity ≥95%

Cat. No.: X26-09-ZQ383

Size: 100 mg

Synonym: S-Acetyl-PEG20-hydroxyl; S-Acetyl-polyethylene glycol20-alcohol; Thioacetate-PEG20-alcohol; S-Acetyl-eicosaethylene glycol-alcohol

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

Product Information	
Description	This long-chain functionalized reagent pairs a protected thioacetate (S-acetyl) handle with a primary alcohol <i>via</i> a 20-subunit polyethylene glycol (PEG20) spacer. The S-acetyl group acts as a protected thiol for controlled deprotection. The alcohol terminal provides a site for esterification or etherification. The long PEG20 chain delivers exceptional water solubility.
Molecular Weight	957.2
Molecular Formula	C ₄₂ H ₈₄ O ₂₁ S
Functional Group 1	Thioacetate
Functional Group 2	Alcohol
Reactive Group 1	Carboxylic acid
Reactive Group 2	Acid chloride
Purity	≥95%
Applications	This product can be used for introducing protected sulfhydryl groups onto carbohydrates over long spatial distances, surface coating, and bioconjugate synthesis.
Storage	Store at -20°C.