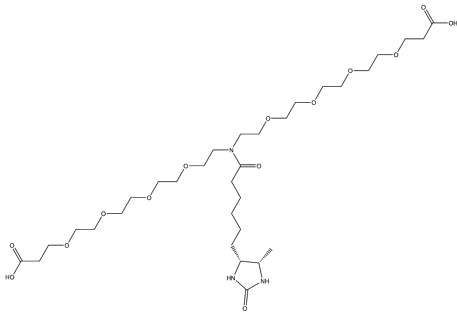


Product Information

NHS PEG reagent, NHS-PEG4-(m-PEG12)3-ester, Purity 90%

Cat. No.: X24-09-YYX208
Size: 100 mg; 250 mg; 500 mg
CAS Number: 1334178-03-8
PubChem CID: 51340976
Synonym: 1334178-03-8; NHS-PEG4-(m-PEG12)3-ester; NHS-PEG4-(m-PEG12)3-ester; Nhs-dpeg(r)4-m-dpeg(r)12)3-ester; NThiol-PEG4-(m-PEG12)3-ester
This product is for research use only and is not intended for diagnostic use.



Product Information

Description	NHS-PEG4-(m-PEG12)3-ester functions as a branched monodisperse PEG linker featuring a terminal NHS ester moiety capable of labeling primary amines <i>t</i> -located within proteins, modified oligonucleotides, and various other molecules containing amino groups.
Molecular Weight	2420.9
Molecular Formula	C ₁₀₈ H ₂₀₆ N ₆ O ₅₂
Functional Group 1	Ester
Functional Group 2	NHS
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	(2,5-Dioxopyrrolidin-1-yl) 5-[2-[2-[2-[3-[[1,3-bis[3-[2-[2-[2-[2-[2-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethylamino]-3-oxopropoxy]-2-[[3-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethylamino]-3-oxopropoxy]methyl]propan-2-yl]amino]-3-oxopropoxy]ethoxy]ethoxy]ethoxy]ethylamino]-5-oxopentanoate
InChI	InChI=1S/C108H206N6O52/c1-123-25-28-131-41-44-139-55-58-145-67-70-151-79-82-157-91-94-160-88-85-154-76-73-148-64-61-142-52-49-136-38-33-128-22-14-110-101(116)9-18-163-97-108(113-104(119)12-17-126-31-36-134-47-48-135-37-32-127-21-13-109-100(115)5-4-6-107(122)166-114-105(120)7-8-106(114)121,98-164-19-10-102(117)111-15-23-129-34-39-137-50-53-143-62-65-149-74-77-155-86-89-161-95-92-158-83-80-152-71-68-146-59-56-140-45-42-132-29-26-124-2)99-165-20-11-103(118)112-16-24-130-35-40-138-51-54-144-63-66-150-75-78-156-87-90-162-96-93-159-84-81-153-72-69-147-60-57-141-46-43-133-30-27-125-3/h4-99H2,1-3H3,(H,109,115)(H,110,116)(H,111,117)(H,112,118)(H,113,119)
InChI Key	VOPFWBJWEJMWQR-UHFFFAOYSA-N

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