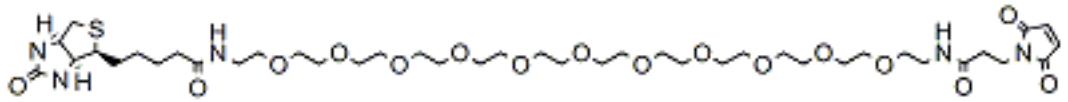
Biotin-PEG11-Maleimide

#27451

Product Information

Description:	Biotin-PEG11-Mal is a PEGylated biotin reagent PEG linker containing a maleimide (Mal) group. The maleimide moiety reacts specifically with sulfhydryl groups (at pH 6.5-7.5) to form a thioether linkage. The hydrophilic PEG spacer increases solubility in aqueous media of the molecules conjugated to the biotin compound. It also helps to minimize steric hindrance involved with the binding to avidin molecules.
Molecular Formula:	$C_{41}H_{71}N_5O_{16}S$
Supplied As:	Solid
Stability:	At least 6 months at -20°C. Avoid freeze/thaw cycles.
Storage:	-20°C
MW:	922.1 Da
Cas No.	1334172-60-9
Purity:	98%

Chemical Structure