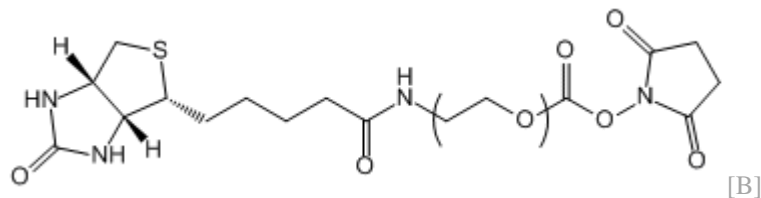


Biotin-PEG_x-Succinimide Esters

Products Description

Biotin-PEG_x-NHSuc Ester (N-Hydroxy-Succinimidyl ester)

“ 200Da	B50L81
“ 400Da	B50L91
“ 600D	B50LA1
“ 1 000Da	B36HM1
“ 2 000Da	WT9291
“ 3 400Da	WT9281
“ 5 000Da	IL1871
“ 10 000Da	WT9301
“ 20 000Da	WT9311



Biotin-PEG_x-SCM (Succinimidyl CarboxyMethyl Ester)

“ 600Da	B50LB1
“ 1000Da	B50LC1, 1g
“ 2000Da	B50LD1
“ 3400Da	B50LE1
“ 5000Da	B50LF1
“ 10000Da	B50LG1
“ 20000Da	B50LH1

[B]

Biotin-PEG_x-SG (Succinimidyl Glutarate Ester)

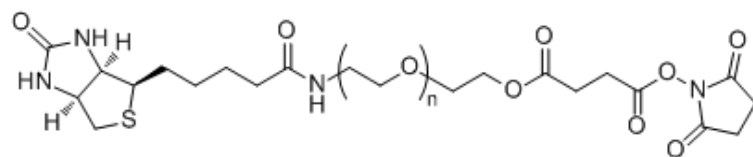
“ 600Da	Inquire
“ 1000Da	B50LI1
to	
“ 10000Da	Inquire

[B]

Ask also for Biotin-PEO_n-SPA (Succinimidyl Propionate Ester) #B50MI1 (n=2-3-4-6-8)[]

Biotin-PEG_x-SS (Succinimidyl Succinate)

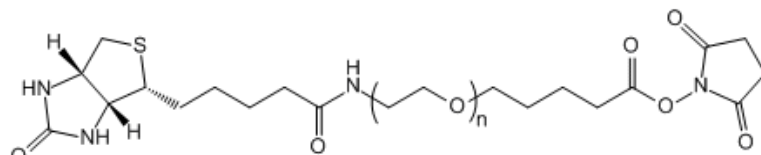
“ 600Da	Inquire
“ 1000Da	B50LJ1
to	
“ 10000Da	Inquire



[B]

Biotin-PEG_x-SVA (Succinimidyl Valerate)

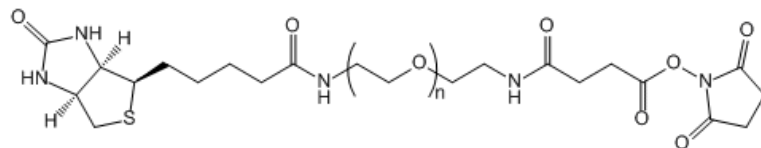
“ 600Da	Inquire
“ 1000Da	B50LK1
to	
“ 10000Da	Inquire



[B]

Biotin-PEG_x-SAS (Succinamide Succinimidyl Ester)

“ 600Da	Inquire
“ 1000Da	B50LL1
to	
“ 10000Da	Inquire



[B]

Storage: -20°C [M](possible at +4°C for short term)

Contact your local distributor

uptima@interchim.com

Technical and scientific information

The **biotin** is a vitamin widely used in biotechnology for its propriety of binding with extremely high affinity to avidin ($K_a=10^{-15} \text{ M}^{-1}$) and streptavidin ($K_a=10^{-14} \text{ M}^{-1}$). This hapten-protein interaction resists effectively to drastic physico-chemical conditions, allowing various immuno-technologies, and notably detections. The biotin can be conjugated chemically with biomolecules of interest, though several groups.

The **Succinimidyl groups** (NHS, SVA, SS, SCM,...) react with amine in mild conditions.

For use *in vitro* only, not for diagnostic.

Related / associated products and documents

*Other Amine-reactive Biotine

Biotin-PEO_n-NHS Esters (dscrete/monodisperse PEG; n=3-4-6-8-12) (FT-[R2027A](#))

Biotin-PEO_n-TFP Ester #8X492

Biotin-PEG_x-TFP ester

Biotin-PEG₄-S-S-NHS (cleavable) [53031A](#)

4-ArmPEG-(3Biotin-1NHS) (branched)

*Other biotins

Maleimido-PEO_n-Biotins FT-[R2028A](#)

PhotoActivable Biotin-Azide #XEU39- PC Biotin-PEG₃-Azide #8X339-

* Desalting Biotinylated molecules

* Dosage proteins in your conjugate: BC Assay protein dosage FT-[40840A](#)

* Purification of Biotinylated molecules: Biotin-binding supports (StreptAvidin-Agarose #51559B, B4FS5)

Ordering and other information

For any information, please contact Uptima, or your local distributor.

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Rev.U04E