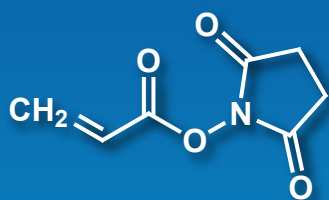
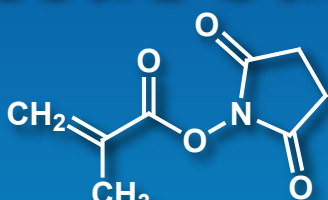


Acrylic Monomers with NHS Ester Moieties for Immobilization to Primary Amino Groups on Tissue Surfaces



N-Succinimidyl Acrylate
5g / 25g [S0814]



N-Succinimidyl Methacrylate
5g / 25g [S0812]



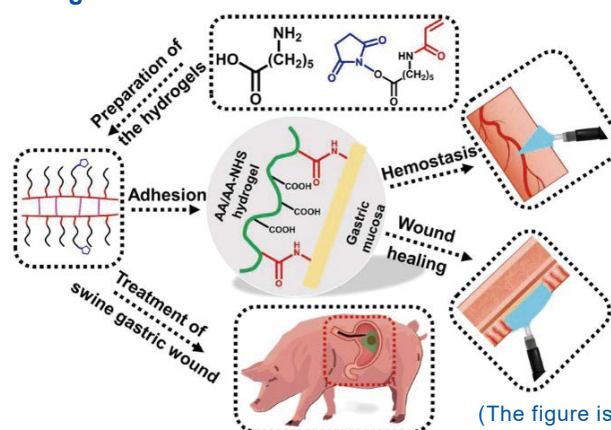
Acryloyl-X SE
25mg [A3450]

Advantages

- Reacts with amino groups at *N*-hydroxysuccinimide (NHS) ester moieties to form covalent bonds
- Can be used to create biological tissue adhesive hydrogels ¹⁾
- Applicable to enzyme immobilization on polyacrylamide gel beads ²⁾

Application

Gastric wound healing with injectable self-healing adhesive pH-responsive hydrogels in a swine gastric wound model ¹⁾



(The figure is taken from Reference 1 / CC-BY 4.0.)

References

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- 4) C. O. Heras-Bautista, K. Pfannkuche, *et al.*, *Biomaterials* **2014**, 35, 7374. <https://doi.org/10.1016/j.biomaterials.2014.05.027>

Related Products

6-Aminohexanoic Acid [for Biochemical Research]
***N,N'*-Methylenebisacrylamide**
Acrylamide Monomer

5g / 25g [A2255]
25g / 500g [M2877]
25g / 500g [A0139]

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