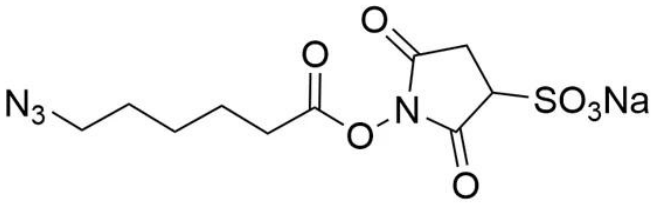
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# 6-AZIDOHEXANOIC ACID SULFO-NHS ESTER

**SKU:** CCT-1251




## DESCRIPTION

6-Azidohexanoic Acid *Sulfo*-NHS Ester is water-soluble reagent that enables simple and efficient labeling of antibodies, proteins and any other primary amine-containing macromolecules with azido group in 100% aqueous buffers. Azidoacetic Acid *Sulfo*-NHS Ester reacts with primary amines at pH 7-9 forming a stable amide bond. 6-Azidohexanoic Acid *Sulfo*-NHS Ester is a reagent of choice for applications that cannot tolerate organic co-solvents or are complicated by their inclusion. Specific labeling of cell surface proteins is another common application for these uniquely water-soluble and membrane impermeable reagents. A short spacer arm adds minimal mass to modified molecules (84.1 daltons).

## SPECIFICATIONS

| | |
|---|---|
| **CAS Number** | N/A |
| **Molecular Weight** | 356.28 |
| **Appearance** | White to slightly grey crystalline |
| **Chemical Formula** | C10H13N4NaO7S |
| **Purity** | >95% (HPLC) |
| **Unit Size** | 5 mg, 25 mg, 100 mg, 500 mg |
| **Solubility** | Water, DMSO, DMF |
| **Storage Instructions** | -20°C. Desiccate |

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

| | |
|---|---|
| **Shipping Conditions** | Ambient temperature |
| **Shipping Instructions** | Ambient temperature |

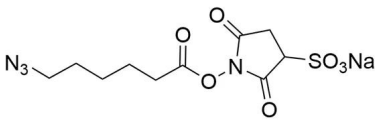
## SELECTED REFERENCES

1. Wiener, J., *et al.* (2020). Preparation of single- and double-oligonucleotide antibody conjugates and their application for protein analytics. *Sci Rep.*, **10 (1)**, 1457. [PubMed]

## DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

## GALLERY IMAGES




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