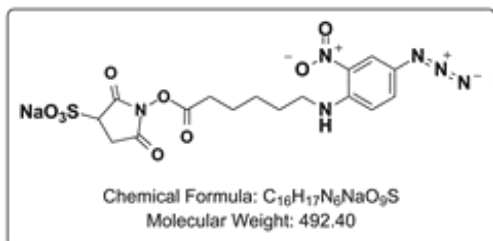


Sulfo-SANPAH



Product Number: 13414-5x5, 13414-100, 13414-1

Molecular Weight:.....492.40

Spacer Length:.....18.2 Å

CAS Number:.....[102568-43-4](#)

Product Description

Package Size and Product Numbers

5 x 5 mg.....13414-5x5

100 mg.....13414-100

1 gram.....13414-1

Product Name:.....[Sulfo-SANPAH](#)

Product Specifications

- Appearance: Red-Orange Solid
- H^1 -NMR: Conform to Structure
- Quantitative NMR: $\geq 90\%$
- Storage: 2-8 °C, desiccated

Product Background

Alternative Names: Sulfo SANPAH, Water soluble phenyl azide crosslinker, N-Sulfosuccinimidyl-6-(4'-azido-2'-nitrophenylamino) hexanoate, nitrophenyl azide sulfo NHS ester, Sulfo-NHS-6-(4'-azido-2'-nitrophenylamino) hexanoate

Country of Origin: USA

Sulfo SANPAH is a heterobifunctional protein crosslinker with an amine reactive Sulfo-NHS group on one end of the molecule and a photo-reactive nitrophenylazide group on the other. Due to the non-specific nature of the photo-reactive group of Sulfo-SANPAH, this crosslinker can be used to form bonds between proteins or other molecules with an available primary amine, and a wide range of other compounds. Sulfo-SANPAH is water soluble, however it is often dissolved in [DMF](#) or [DMSO](#), prior to performing the reaction in an aqueous buffer.