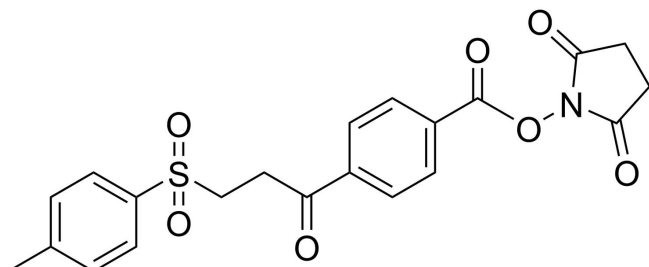




MONO-SULFONE NHS ESTER

SKU: CCT-1507



DESCRIPTION

Mono-sulfone is a thiol-specific labeling reagent that undergoes alkylation to generate a thio-ether bond between the protein and mono-sulfone activated reagent. Once mono-sulfone reagent is conjugated to a protein or peptide, exchange reactions leading to deconjugation can be easily avoided by treating the conjugate with a mild reducing agent in a way analogous to the process used for conjugation reactions involving reductive amination.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	492.44
Appearance	Grey solid
Chemical Formula	C ₂₁ H ₁₉ N ₁ O ₇ S
Purity	>95% (HPLC)
Unit Size	1000 mg, 5 g
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

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



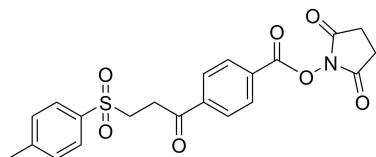
SELECTED REFERENCES

1. Badescu, G., et al. (2014). A New Reagent for Stable Thiol-Specific Conjugation. *Bioconjug. Chem.*, **25(3)**, 460-9. [[PubMed](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Datasheet](#)

GALLERY IMAGES



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