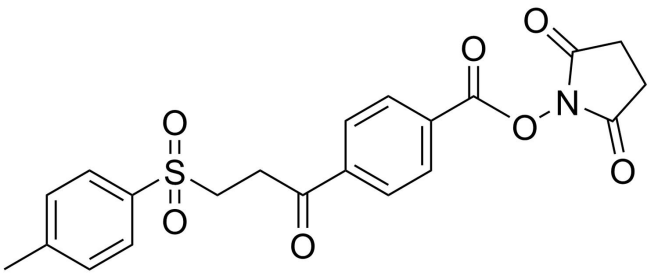
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MONO-SULFONE NHS ESTER

SKU: CCT-1507



DESCRIPTION

Mono-sulfone is a thiol-specific labeling reagent that undergo 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	C21H19NO7S
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

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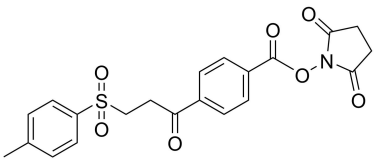
SELECTED REFERENCES

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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