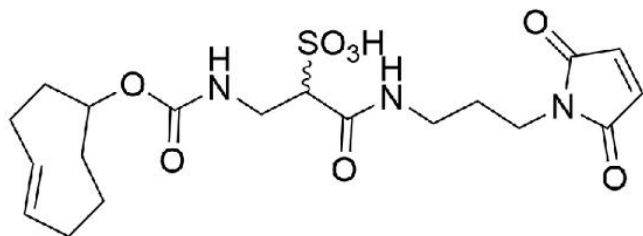




SULFO TCO-MALEIMIDE

SKU: CCT-1355



DESCRIPTION

Sulfo TCO-Maleimide is a water-soluble reagent that enables simple and efficient incorporation of TCO moiety onto cysteine-containing peptides or other thiol-containing molecules. The maleimide group specifically and efficiently reacts with reduced thiols (sulfhydryl groups, -SH) at pH 6.5 to 7.5 to form stable thioether bonds. The hydrophilic sulfonated spacer arm greatly improves water solubility of TCO derivatized molecules, in many cases making it completely soluble in aqueous media. A short spacer arm adds minimal mass to modified molecules.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	558.69
Molecular Formula	C ₂₅ H ₄₂ N ₄ O ₈ S
Appearance	Off-white amorphous solid to semi-solid or oil
Chemical Formula	C ₂₅ H ₄₂ N ₄ O ₈ S
Purity	>95% (HPLC)
Unit Size	10 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, Water
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Dry Ice

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

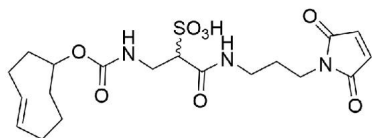


Shipping Instructions Dry Ice

DOCUMENTS

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

GALLERY IMAGES



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