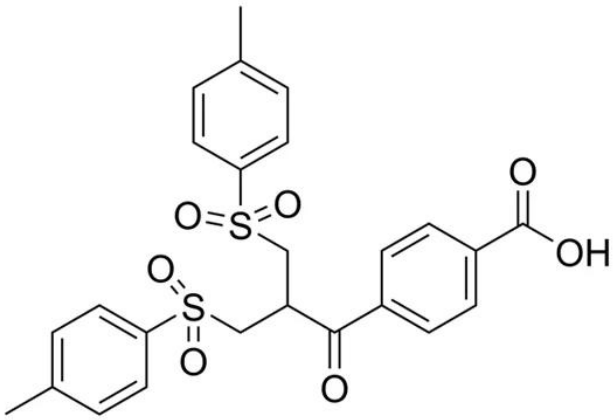
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

BIS-SULFONE ACID

SKU: CCT-1103



DESCRIPTION

Bis-sulfone-Acid is a bis-alkylating labeling reagent that is selective for the cysteine sulfur atoms from a native disulfide. Bis-alkylating reagents undergo bis-alkylation to conjugate both thiols derived from the two cysteine residues of a reduced native disulfide bond such as the interchain disulfide bonds of an antibody. The reaction results in covalent rebridging of the disulfide bond via a three carbon bridge leaving the protein structurally intact.

The covalent, site-specific conjugation of PEG to a polyhistidine tag (His-tag) on a protein with bis-alkylating reagents was also reported in literature (see Selected References section).

SPECIFICATIONS

CAS Number	124143-00-1
Molecular Weight	500.58
Appearance	Grey solid

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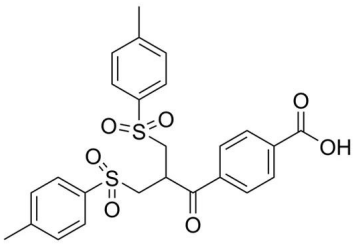
Chemical Formula	C25H24O7S2
Purity	>95% (HPLC)
Unit Size	1000 mg, 5 g
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

SELECTED REFERENCES

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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