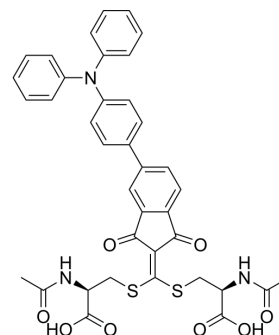


TPA-NAC

Cat. No.:	HY-157779
Molecular Formula:	C ₃₈ H ₃₃ N ₃ O ₈ S ₂
Molecular Weight:	723.81
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TPA-NAC is a nonfluorogenic prodrug by introducing N-acetyl-L-cysteine (NAC) into a conjugated acceptor skeleton. TPA-NAC is capable of fluorogenic selective labeling of HSA ^[1] .
In Vitro	The biocompatibility and photochemical properties of TPA-NAC enabled it to image exogenous and endogenous HSA in living cells in a wash-free manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tianhong Wu, et al. A Rationally Designed Prodrug for the Fluorogenic Labeling of Albumin and Theranostic Effects on Drug-Induced Liver Injury. *Anal Chem.* 2024 Feb 16.

Caution: Product has not been fully validated for medical applications. For research use only.

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