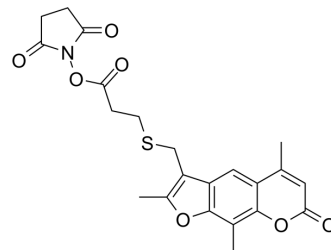


AMT-NHS

Cat. No.:	HY-150014
Molecular Formula:	C ₂₂ H ₂₁ NO ₇ S
Molecular Weight:	443.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AMT-NHS is an RNA-protein crosslinker. AMT-NHS is composed of a psoralen derivative and an N-hydroxysuccinimide ester group which react with RNA bases and primary amines of protein, respectively. AMT-NHS can penetrate into living yeast cells and crosslink Cbf5 to H/ACA snoRNAs with high specificity. AMT-NHS induces different crosslinking patterns and targets both single- and double-stranded regions of RNA. AMT-NHS can be used for capturing diverse RNA-protein interactions in cells^[1].

REFERENCES

[1]. Han Y, et al. Development of an RNA-protein crosslinker to capture protein interactions with diverse RNA structures in cells. *RNA*. 2022 Mar;28(3):390-399.

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

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