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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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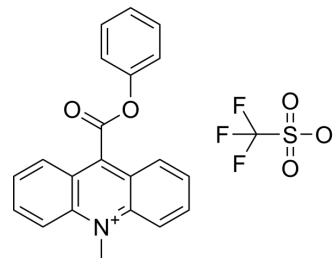
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10-Methyl-9-(phenoxycarbonyl) acridinium trifluoromethanesulfonate

Cat. No.:	HY-W415108
CAS No.:	161006-14-0
Molecular Formula:	C ₂₂ H ₁₆ F ₃ NO ₅ S
Molecular Weight:	463.43
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

10-Methyl-9-(phenoxycarbonyl) acridinium trifluoromethanesulfonate is an acridinium ester that produces fluorescent 10-methyl-9-acridone upon oxidation with hydrogen peroxide, persulfate, and other oxidants under alkaline conditions. 10-Methyl-9-(phenoxycarbonyl) acridinium trifluoromethanesulfonate can be used in chemiluminescent assays, enzyme, antigen, antibody, and hormone immunoassays, and for the detection of oxidants in environmental, biological, and pharmaceutical samples^[1].

REFERENCES

[1]. Nakazono M, et al. Strongly chemiluminescent acridinium esters under neutral conditions: synthesis, properties, determination, and theoretical study[J]. The Journal of Organic Chemistry, 2017, 82(5): 2450-2461.

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

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