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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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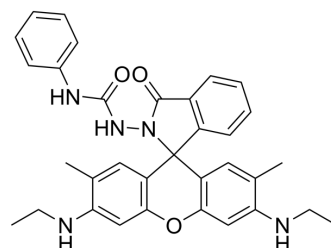
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1-(3',6'-Bis(ethylamino)-2',7'-dimethyl-3-oxospiro[isoindoline-1,9'-xanthen]-2-yl)-3-phenylurea

Cat. No.:	HY-D1547
CAS No.:	957493-98-0
Molecular Formula:	C ₃₃ H ₃₃ N ₅ O ₃
Molecular Weight:	547.65
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1-(3',6'-Bis(ethylamino)-2',7'-dimethyl-3-oxospiro[isoindoline-1,9'-xanthen]-2-yl)-3-phenylurea (compound 1a) can be used as a fast-responsive fluorescent gold ion probe for detection of gold ions in water and synthetic products ^[1] .
In Vitro	1-(3',6'-Bis(ethylamino)-2',7'-dimethyl-3-oxospiro[isoindoline-1,9'-xanthen]-2-yl)-3-phenylurea (compound 1a) exhibits no fluorescence in PBS (pH 7.4, containing 0.3% DMF) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yuan L, et al. A fast-responsive fluorescent probe for detection of gold ions in water and synthetic products. Chem Commun (Camb). 2011 Apr 28;47(16):4703-5.

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

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