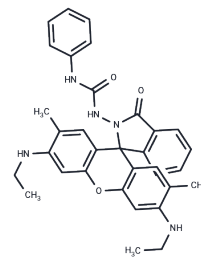


## Oxospiro[isindoline-1,9'-xanthene]-2-yl)-3- phenylurea

## Chemical Properties

CAS No. :	957493-98-0
Formula:	C33H33N5O3
Molecular Weight:	547.65
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Compound 1a, known as 1-(3',6'-Bis(ethylamino)-2',7'-dimethyl-3-oxospiro[isindoline-1,9'-xanthen]-2-yl)-3-phenylurea, serves as a fast-responsive fluorescent probe for detecting gold ions in water and synthetic products [1].
Targets(IC50)	Others
In vitro	Compound 1a, specifically 1-(3',6'-Bis(ethylamino)-2',7'-dimethyl-3-oxospiro[isindoline-1,9'-xanthen]-2-yl)-3-phenylurea, does not exhibit fluorescence in PBS (pH 7.4, containing 0.3% DMF) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.826 mL	9.1299 mL	18.2598 mL
5 mM	0.3652 mL	1.826 mL	3.652 mL
10 mM	0.1826 mL	0.913 mL	1.826 mL
50 mM	0.0365 mL	0.1826 mL	0.3652 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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