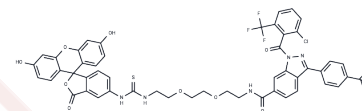


## RORy allosteric probe-1

## Chemical Properties

CAS No. :	2983890-50-0
Formula:	C50H37ClF3N5O11S
Molecular Weight:	1008.37
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	RORy Allosteric Probe-1 (Compound 12h), with excitation and emission wavelengths of 490/524 nm respectively, serves as an allosteric fluorescent probe for investigating RORy allosteric inhibitors and the function of RORy [1].
Targets(IC50)	ROR
In vivo	When incubated with zebrafish for 12 hours, RORy allosteric probe-1 (1 μM) exhibits fluorescence in the liver and intestines under the green channel, aligning with the reported expression profile of RORy [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9917 mL	4.9585 mL	9.917 mL
5 mM	0.1983 mL	0.9917 mL	1.9834 mL
10 mM	0.0992 mL	0.4958 mL	0.9917 mL
50 mM	0.0198 mL	0.0992 mL	0.1983 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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