

OAF89

## Chemical Properties

CAS No. :

Formula: C<sub>32</sub>H<sub>38</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 510.67

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	OAF89 is a small molecule capable of interacting with G-Quadruplexes (G4s) and double-stranded DNA (dsDNA). It exhibits an IC <sub>50</sub> of 1.07 μM in normal lung epithelial BEAS-2B cells.
Targets(IC <sub>50</sub> )	DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9582 mL	9.7911 mL	19.5821 mL
5 mM	0.3916 mL	1.9582 mL	3.9164 mL
10 mM	0.1958 mL	0.9791 mL	1.9582 mL
50 mM	0.0392 mL	0.1958 mL	0.3916 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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