

## CU-6PMN

## Chemical Properties

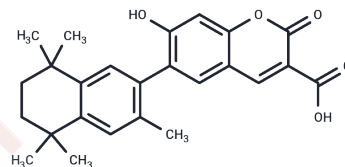
CAS No. : 2099034-38-3

Formula: C<sub>25</sub>H<sub>26</sub>O<sub>5</sub>

Molecular Weight: 406.47

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   | CU-6PM is a new fluorescent RXR agonist. CU-6PMN was designed based on the fact that umbelliferone emits strong fluorescence in a hydrophilic environment, but the fluorescence intensity decreases in hydrophobic environments such as the interior of proteins. The developed assay CU-6PMN enabled screening of rexinoids to be performed easily within a few hours by monitoring changes of fluorescence intensity with widely available fluorescence microplate readers, without the need for processes such as filtration. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.4602 mL | 12.301 mL | 24.6021 mL |
| 5 mM  | 0.492 mL  | 2.4602 mL | 4.9204 mL  |
| 10 mM | 0.246 mL  | 1.2301 mL | 2.4602 mL  |
| 50 mM | 0.0492 mL | 0.246 mL  | 0.492 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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