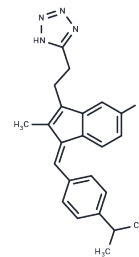


K-8012

## Chemical Properties

CAS No. : 1346513-17-4  
 Formula: C<sub>23</sub>H<sub>23</sub>FN<sub>4</sub>  
 Molecular Weight: 374.45  
 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	K-8012 is a modulator of the N-terminally truncated RXR $\alpha$ and improves anticancer activities in an RXR $\alpha$ -dependent manner.
Targets(IC50)	Apoptosis,Retinoid Receptor,Akt,RAR/RXR,PI3K

## Solubility Information

Solubility	DMSO: 60 mg/mL (160.24 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6706 mL	13.3529 mL	26.7058 mL
5 mM	0.5341 mL	2.6706 mL	5.3412 mL
10 mM	0.2671 mL	1.3353 mL	2.6706 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 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.

## Reference

Chen L, et al. Sulindac-derived RXR $\alpha$  modulators inhibit cancer cell growth by binding to a novel site. Chem Biol. 2014 May 22;21(5):596-607.

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