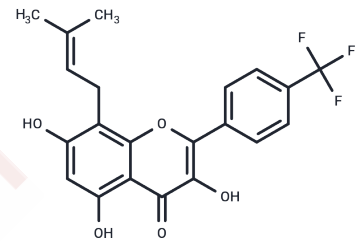


SNG-1153

## Chemical Properties

CAS No. : 1446712-19-1  
 Formula: C<sub>21</sub>H<sub>17</sub>F<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 406.35  
 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	SNG-1153 is a estrogen receptor ER-alpha36 modulator.
Targets(IC50)	Estrogen/progestogen Receptor

## Solubility Information

Solubility	DMSO: 65 mg/mL (159.96 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	2.4609 mL	12.3047 mL	24.6093 mL
5 mM	0.4922 mL	2.4609 mL	4.9219 mL
10 mM	0.2461 mL	1.2305 mL	2.4609 mL
50 mM	0.0492 mL	0.2461 mL	0.4922 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 M, Turhan AG, Ding H, Lin Q, Meng K, Jiang X. Targeting BCR-ABL+ stem/progenitor cells and BCR-ABL-T3151 mutant cells by effective inhibition of the BCR-ABL-Tyr177-GRB2 complex. *Oncotarget*. 2017 Jul 4;8(27):43662-43677.

Liu S, Guo Y, Wang J, Zhu H, Han Y, Jin M, Wang J, Zhou C, Ma J, Lin Q, Wang Z, Meng K, Fu X. A novel anticancer agent SNG1153 inhibits growth of lung cancer stem/progenitor cells. *Oncotarget*. 2016 Jul 19;7(29):45158-45170.

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