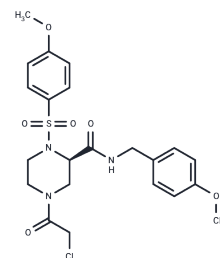


## (R)-SKBG-1

## Chemical Properties

CAS No. :	2955634-67-8
Formula:	C <sub>22</sub> H <sub>26</sub> ClN <sub>3</sub> O <sub>6</sub> S
Molecular Weight:	495.98
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	(R)-SKBG-1 is an inhibitor of the RNA-binding protein NONO, with an EC <sub>50</sub> value of 1.5 μM in 22Rv1 cells. (R)-SKBG-1 reduces mRNA and protein expression of the androgen receptor (AR) and its splice variants (AR-FL and AR-V7), inhibits the proliferation of various cancer cells, and affects the transcriptome and proteome of cancer cells.
Targets(IC50)	Androgen Receptor, MicroRNA

## Solubility Information

Solubility	DMSO: 80 mg/mL (161.3 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	2.0162 mL	10.0811 mL	20.1621 mL
5 mM	0.4032 mL	2.0162 mL	4.0324 mL
10 mM	0.2016 mL	1.0081 mL	2.0162 mL
50 mM	0.0403 mL	0.2016 mL	0.4032 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

Kathman SG, et al. Remodeling oncogenic transcriptomes by small molecules targeting NONO. Nat Chem Biol. 2023 Jul;19(7):825-836.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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