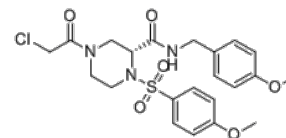


**Product Name** : (R)-SKBG-1  
**Cat. No.** : PC-20048  
**CAS No.** : 2955634-67-8  
**Molecular Formula** : C<sub>22</sub>H<sub>26</sub>ClN<sub>3</sub>O<sub>6</sub>S  
**Molecular Weight** : 495.98  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

(R)-SKBG-1 is a covalent small molecule ligand of **RNA-binding protein NONO**, engages NONO Cys145 and suppress an array of cancer-relevant genes and impair cancer cell proliferation.

(R)-SKBG-1 promoted NONO accumulation in nuclear foci and stabilized NONO-RNA interactions.

Reintroduction of wild-type NONO, but not a C145S mutant, restored (R)-SKBG-1 sensitivity in NONO-disrupted cells.

## References

Kathman SG, et al. *Nat Chem Biol.* 2023 Mar 2. doi: 10.1038/s41589-023-01270-0.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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