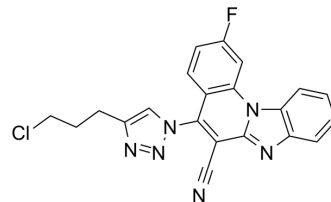


## Antiproliferative agent-6

Cat. No.:	HY-146454
CAS No.:	2389016-82-2
Molecular Formula:	C <sub>21</sub> H <sub>14</sub> ClFN <sub>6</sub>
Molecular Weight:	404.83
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Antiproliferative agent-6 (compound 8a) is a potent antitumor agent. Antiproliferative agent-6 has antiproliferative activity against cancer cell lines HCT116, MCF-7, H460 and non-tumor aneuploid immortal keratinocyte HaCaT cells with GI <sub>50</sub> s of 0.5 μM, 2 μM, 0.7 μM and 3.5 μM, respectively <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	GI <sub>50</sub> : 0.5 μM (HCT116), 2 μM (MCF-7), 0.7 μM (H460), 3.5 μM (HaCaT) <sup>[1]</sup>

### REFERENCES

[1]. Meščić Macan A, et al. Synthesis, antiproliferative activity and DNA/RNA-binding properties of mono- and bis-(1,2,3-triazolyl)-appended benzimidazo[1,2-a]quinoline derivatives. *Eur J Med Chem.* 2020;185:111845.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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