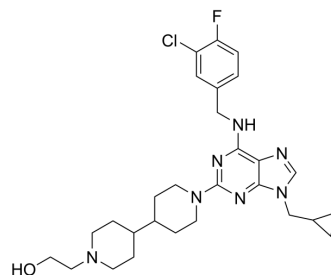


## anti-TNBC agent-2

Cat. No.:	HY-156077
CAS No.:	2422001-22-5
Molecular Formula:	C <sub>28</sub> H <sub>37</sub> ClFN <sub>7</sub> O
Molecular Weight:	542
Target:	Apoptosis; DNA/RNA Synthesis
Pathway:	Apoptosis; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

anti-TNBC agent-2 (3j) an anti-Triple negative breast cancer (TNBC) purine derivative. anti-TNBC agent-2 induces MDA-MB-231 cells apoptosis, and inhibits its migration and angiogenesis. anti-TNBC agent-2 inhibits tumor growth and metastasis and reduces the expression of Ki67 and CD31 protein in TNBC xenograft models. anti-TNBC agent-2 can be used for Triple negative breast cancer (TNBC) research<sup>[1]</sup>.

### REFERENCES

[1]. Zhang Q, et al. Synthesis and mechanism of action of new purine derivatives against triple negative breast cancer. *Eur J Med Chem.* 2023 Sep 7;261:115797.

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

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