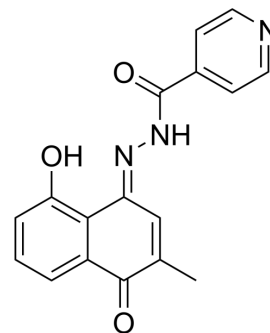


## Antiproliferative agent-22

Cat. No.:	HY-152945
CAS No.:	1374305-45-9
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	307.3
Target:	NF-κB
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antiproliferative agent-22 (compound 2) is an anticancer agent. Antiproliferative agent-22 shows anti-proliferative activities against MCF-7, MDA-MB-231 and MDA-MB-468 cells with IC<sub>50</sub> values of 6.2 μM, 3.3 μM and 3.3 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Prasad Dandawate, et al. Synthesis, characterization, molecular docking and cytotoxic activity of novel plumbagin hydrazones against breast cancer cells. Bioorg Med Chem Lett. 2012 May 1;22(9):3104-8.

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

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