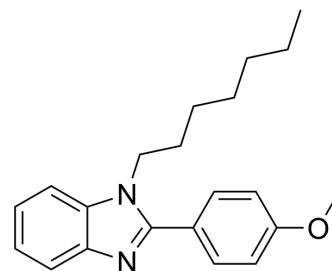


## Antiproliferative agent-33

Cat. No.:	HY-155127
CAS No.:	477542-73-7
Molecular Formula:	C <sub>21</sub> H <sub>26</sub> N <sub>2</sub> O
Molecular Weight:	322.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antiproliferative agent-33 (Compound 2g) is an anti-proliferative, antifungal, and antibacterial agent. Antiproliferative agent-33 inhibits MDA-MB-231 cell proliferation (IC<sub>50</sub>: 16.38 μM). Antiproliferative agent-33 inhibits gram-negative bacteria growth, and inhibits *S. faecalis* with an MIC value of 8 μg/mL<sup>[1]</sup>.

### REFERENCES

[1]. Phan NK, et al. Exploration of Remarkably Potential Multitarget-Directed N-Alkylated-2-(substituted phenyl)-1H-benzimidazole Derivatives as Antiproliferative, Antifungal, and Antibacterial Agents. ACS Omega. 2023 Jul 28;8(31):28733-28748.

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

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