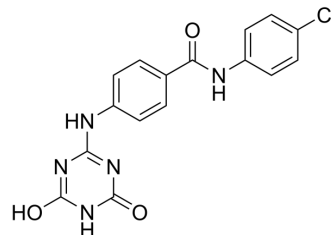


## MMP-9/10-IN-1

Cat. No.:	HY-161284
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> ClN <sub>5</sub> O <sub>3</sub>
Molecular Weight:	357.75
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MMP-9/10-IN-1 (Compound 6b) is a potent dual MMP-9/10 Inhibitor with IC<sub>50</sub>s of 0.076 and 0.139 μM against NSCLC and A549 cells, respectively. MMP-9/10-IN-1 has anti-invasive and anti-angiogenic activities when in combination with Sorafenib (HY-10201) <sup>[1]</sup>.

## REFERENCES

[1]. Khalil HH, et al. Chemosensitization of non-small cell lung cancer to sorafenib via non-hydroxamate s-triazinedione-based MMP-9/10 inhibitors. *Bioorg Chem.* 2024 Mar;144:107155.

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

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