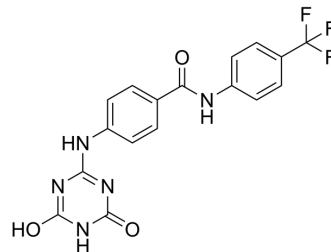


## MMP-9/10-IN-2

Cat. No.:	HY-161285
Molecular Formula:	C <sub>17</sub> H <sub>12</sub> F <sub>3</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	391.3
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-2 (compound 6e) is a potent inhibitor of MMP10 and MMP9, with IC <sub>50</sub> of 0.076 μM for MMP10, and 93.18% inhibition at 0.5 μM for MMP9. MMP-9/10-IN-2 plays an important role in anti-tumor <sup>[1]</sup> .
IC <sub>50</sub> & Target	MMP-10 0.076 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Hosam H Khalil, 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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