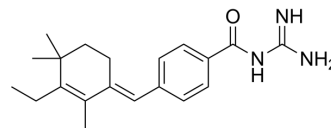


Magmas-IN-1

Cat. No.:	HY-153893
CAS No.:	1251957-89-7
Molecular Formula:	C ₂₀ H ₂₇ N ₃ O
Molecular Weight:	325.45
Target:	Mitochondrial Metabolism
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Magmas-IN-1 (compound 9) is a small molecule Magmas inhibitor (SMMI). Magmas is mitochondria associated granuloocyte-macrophage colony stimulating factor signaling molecule as well as a GM-CSF inducible gene in myeloid cells. Magmas-IN-1 inhibits Magmas and modulates mitochondrial function. Magmas-IN-1 also inhibits proliferation in yeast at 4 μM ^[1] .
IC ₅₀ & Target	Magmas ^[1]

REFERENCES

[1]. Jubinsky PT, et al. Design, synthesis, and biological activity of novel Magmas inhibitors. Bioorg Med Chem Lett. 2011 Jun 1;21(11):3479-82.

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

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