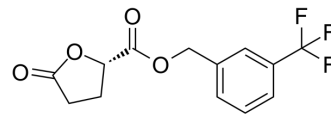


TFMB-(S)-2-HG

Cat. No.:	HY-129079A
CAS No.:	1445703-64-9
Molecular Formula:	C ₁₃ H ₁₁ F ₃ O ₄
Molecular Weight:	288.22
Target:	DNA Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TFMB-(S)-2-HG is a potent inhibitor of the 5'-methylcytosine hydroxylase TET2. TFMB-(S)-2-HG also inhibits the Egln1 prolyl hydroxylases. TFMB-(S)-2-HG has the potential for the research of acute myeloid leukemia (AML)^[1].

REFERENCES

[1]. Losman JA, et al. (R)-2-hydroxyglutarate is sufficient to promote leukemogenesis and its effects are reversible. *Science*. 2013;339(6127):1621-1625.

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

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