
Product Data Sheet

Product Name: TFMB-(S)-2-HG

Cat. No.: GC65242

Chemical Properties

Cas. No. 1445703-64-9

Formula C₁₃H₁₁F₃O₄ M.Wt 288.22

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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

[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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