

Product Data Sheet

Product Name: KDM4C-IN-2

Cat. No.: GC79157

Chemical Properties

Cas. No. 23705-85-3

Formula C₇H₈N₂O₅

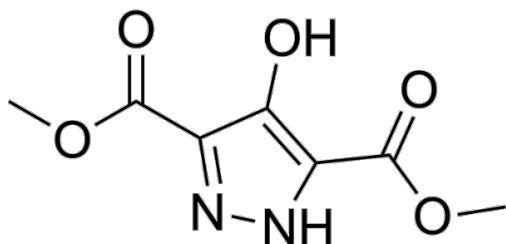
M.Wt 200.15

Solubility Storage Store at 4°C, stored under nitrogen

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

KDM4C-IN-2 is a histone lysine demethylase KDM4C (JMJD2C) inhibitor with an IC₅₀ of 147 μM and a K_i of 51 μM. KDM4C-IN-2 can be used for the research of cancer, such as prostate and breast cancer [1].

In Vitro, KDM4C-IN-2 (Compound 2) (0.01-500 μM) shows no inhibitory effect on FDH [1].

References:

[1]. Leurs U, et al. Inhibitor scaffold for the histone lysine demethylase KDM4C (JMJD2C). Bioorg

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

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Med Chem Lett. 2012 Sep 15;22(18):5811-3.

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