

Product Data Sheet

Product Name: LSD1/HDAC6-IN-2

Cat. No.: GC74062

Chemical Properties

Cas. No. 2982787-50-6

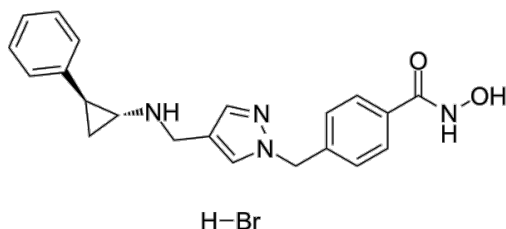
Formula $C_{21}H_{23}BrN_4O_2$ M.Wt 443.34

Solubility DMSO : ≥ 100 mg/mL (225.56 mM) Storage 4°C, sealed storage, away from moisture

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

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

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LSD1/HDAC6-IN-2 (JBI-802) is an orally active LSD1/HDAC6/MAO-A inhibitor, with IC₅₀ values of 5 nM, 11 nM, and 5 nM, respectively. LSD1/HDAC6-IN-2 can inhibit the growth of multiple myeloma cells MM.1S, MM.1R, and RPMI-8226. LSD1/HDAC6-IN-2 can be used for research on diseases such as acute myeloid leukemia and lymphoma^{[1][2]}.

References:

- [1]. Yang X. Research progress of LSD1-based dual-target agents for cancer therapy. Bioorg Med Chem. 2024 Mar 1;101:117651.
- [2]. Sivanandhan D, et al. JBI-802, novel dual inhibitor of LSD1-HDAC6 for treatment of cancer[J]. Cancer Research, 2020, 80(16_Supplement): 1756-1756.

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