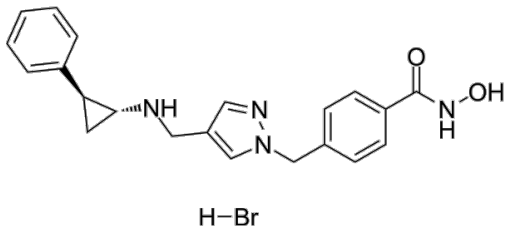
Product Data Sheet

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

Product Data Sheet

LSD1/HDAC6-IN-2 (JBI-802) is an orally active LSD1/HDAC6/MAO-A inhibitor, with IC_{50} 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.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA