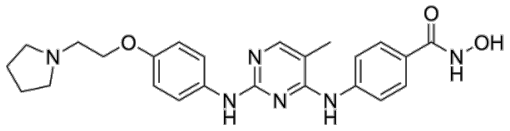
Product Data Sheet

Product Name: HDAC/JAK/BRD4-IN-1
Cat. No.: GC73627

Chemical Properties

Cas. No.	2755325-84-7		
Formula	$C_{24}H_{28}N_6O_3$	M.Wt	448.52
Solubility	DMSO : 100 mg/mL (222.96 mM; ultrasonic and warming and heat to 80°C)	Storage	-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

HDAC/JAK/BRD4-IN-1(compound 25ap) is a potent HDAC/JAK/BRD4 triple inhibitor. HDAC/JAK/BRD4-IN-1 inhibit cell growth and induces apoptosis in MDA-MB-231 cells, and shows anticancer activity in vivo.

References:
[1]. Zhao C, et al. Discovery of Novel Fedratinib-Based HDAC/JAK/BRD4 Triple Inhibitors with

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Remarkable Antitumor Activity against Triple Negative Breast Cancer [published online ahead of print, 2023 Oct 5]. J Med Chem. 2023;10.1021/acs.jmedchem.3c01242.