Creative Enzymes®

GSK-J1 sodium salt

Cat. No. CEI-0548

Lot. No. (See product label)

Introduction

Description	A potent and selective inhibitor of the H3K27 histone demethylases JMJD3 and UTX (IC50 = 60 nM for human JMJD3 in vitro). It is inactive against a panel of other JMJ family demethylases, including several variants of JMJD2 and JMJD1 and, at higher concentrations (30 μM), has no effect on more than 100 different kinases or other unrelated proteins, including other chromatin-modifying enzymes such as histone deacetylases.

Product Information

Appearance	Liquid
Molecular Formula	C22H22N5O2 . Na
Chemical Name	3-((6-(4,5-dihydro-1H-benzo[d]azepin-3(2H)-yl)-2-(pyridin-2-yl)pyrimidin-4-yl)amino)propanoate, monosodium salt
Molecular Weight	610.63
Purity	>95% by HPLC
Targets	KDM6B

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack