

GSK126

Cat. No. CEI-0474

Lot. No. (See product label)

Introduction

Description A potent, highly selective, S-adenosyl-methionine(SAM)-competitive, small-molecule inhibitor of EZH2 methyltransferase activity. GSK126 is highly selective against other methyltransferases and multiple other protein classes, even 150-fold more selective for the closest EZH1 (K_i = 89 nM) and more than 1,000-fold selective for 20 other human methyltransferases, including both SET-domain-containing and non-SET domain-containing methyltransferases. It decreases global H3K27me3 levels and reactivates silenced polycomb repressive complex 2 (PRC2) target genes.

Product Information

Appearance Off-white solid

CAS No. 1346574-57-9

Molecular Formula C 31 H 38 N 6 O 2

Chemical Name (S)-1-(sec-butyl)-N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3-methyl-6-(6-(piperazin-1-yl)pyridin-3-yl)-1H-indole-4-carboxamide

Molecular Weight 490.65

Purity >95% by HPLC

Targets EZH2

Solubility DMSO (10 mg/ml) or Ethanol (10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions RT