

Product Name : GSK-J4 Hydrochloride

Synonyms : —

Cat No. : M18139

CAS Number : 1797983-09-5

Molecular Formula : C₂₄H₂₈ClN₅O₂

Formula Weight : 453.97

Chemical Name : —

Description : GSK-J4 is a cell permeable, potent and selective histone demethylase(JMJD3)inhibitor. is an ethyl ester derivative of the GSK-J1 with an IC₅₀ value greater than 50 μM in vitro.

Pathway : Apoptosis

Target : PKA

Receptor : JMJD3

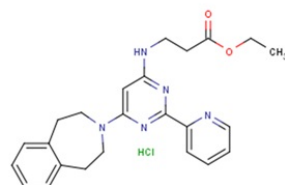
Solubility : —

SMILES : Cl.O=C(OCC)CCNc1cc(nc(n1)c2ccccc2)N3CCc4ccccc4CC3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Yan N,etal.GSKJ4, an H3K27me3 demethylase inhibitor, effectively suppresses the breast cancer stem cells.Exp Cell Res. 2017 Oct 15;359(2):405-414.