

Product Name : BRD9539

Synonyms : —

Cat No. : M20714

CAS Number : 1374601-41-8

Molecular Formula : C₂₄H₂₁N₃O₃

Formula Weight : 399.44

Chemical Name : —

Description : BRD9539 is an inhibitor of euchromatin histone methyltransferase 2 (EHMT2) also known as G9a with an IC₅₀ value of 6.3 μM.

Pathway : Chromatin/Epigenetic

Target : Histone Demethylase

Receptor : G9a

Solubility : DMSO:35 mg/mL (87.62 mM)

SMILES : OC(=O)c1ccc2n(CCCc3ccccc3)c(NC(=O)c3ccccc3)nc2c1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Yuan Y Wang Q Paulk J et al. A Small-Molecule Probe of the Histone Methyltransferase G9a Induces Cellular Senescence in Pancreatic Adenocarcinoma[J]. ACS Chemical Biology 2012 7(7):1152-1157.

