

Product Name : SGC2085 HCl

Synonyms : —

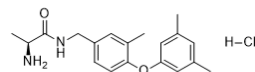
Cat No. : M17389

CAS Number : 1821908-49-9

Molecular Formula : C₁₉H₂₄N₂O₂·HCl

Formula Weight : 348.87

Chemical Name : —



Description : SGC2085 is a potent and selective coactivator associated arginine methyltransferase 1 (CARM1) Inhibitor with an IC₅₀ of 50 nM and more than undred-fold selectivity over other PRMTs. CARM1 is an important positive modulator of Wnt/β-catenin transcription and neoplastic transformation in colorectal cancer as well as a critical factor in estrogen-stimulated breast cancer growth, and its depletion results in decreased proliferation of myeloid leukemia cells in vivo.

Pathway : Chromatin/Epigenetic

Target : Epigenetic Reader Domain

Receptor : Coactivator Associated Arginine Methyltransferase 1 (CARM1)

Solubility : —

SMILES : C(=O)N(C)NCC1CC(C(C1)OC1CC(C(C1)C)C)C.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Renato., et al. Discovery of a Potent and Selective Coactivator Associated Arginine Methyltransferase 1 (CARM1) Inhibitor by Virtual Screening . J Med Chem. 2016 Jul 28;59(14):6838-47.